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December 2, 2010

VIA FEDERAL EXPRESS MAIL

Craig Whitenack, Civil Investigator United States Environmental Protection Agency Region IX, Southern California Field Office 600 Wilshire Avenue, Suite 1420 Los Angeles, California 90017

Re: Yosemite Creek Superfund Site, San Francisco, CA

Shell Oil Company

Supplemental Response to 104 (e) Information Request

Dear Mr. Whitenack:

This letter provides additional information in response to the October 15, 2009 request for information ("RFI") of the United States Environmental Protection Agency ("EPA") to Shell Oil Company ("Shell") with regard to the Yosemite Creek Superfund site (the "Site'). Shell received a letter dated August 24, 2010 requesting that Shell supplement its original response, dated January 14, 2010 ("Original Response"). Subject to both the general and specific objections noted in Shell's Original Response, and those noted in the responses below, and without waiving these or other available objections or privileges, Shell submits the following in response to the RFI and in accordance with telephone conversations between counsel for Shell and counsel for EPA, Michael Massey, limiting the scope of certain responses as noted below.

In responding to the RFI, and preparing this Supplemental Response, Shell has undertaken a diligent and good faith search for, and review of, documents and information in its possession, custody or control and that are relevant to this matter, or as requested, although not relevant to this matter. As discussed in more detail in Shell's Original Response, the RFI purports to seek a great deal of information that is not relevant to the Site or alleged contamination at the Site. By agreeing to provide additional information that is not directly relevant to the Yosemite Creek Superfund Site or any connection to the Bay Area Drum State Superfund Site at 1212 Thomas Avenue in San Francisco, California (the "BAD Site"), Shell does not intend to waive any of the objections to the RFI on this basis raised in its original response. Shell also does not admit that any of the additional information provided herein has any relevance to the Yosemite Creek Superfund Site.

The RFI defined "COCs" as any of the contaminants of concern at the Site and includes: lead, zinc, mercury, dichlorodiphenyltrichloroethane ("DDT"), chlordane, dieldrin, and poly chlorinated biphenyls ("PCBs")." However, certain RFI requests also seek information regarding hazardous substances more broadly. These requests go beyond the specific chemicals for which EPA purports to have evidence of a release or threatened release to the environment at the Site and are not relevant to the Site pursuant to Section 104 (e) (2) (A) of CERCLA; thus Shell has limited its additional review of documents and information relating to other facilities to the COCs identified by EPA as being relevant to the Yosemite Creek Superfund Site.

As you know, the California Department of Toxic Substances Control ("DTSC") conducted an extensive investigation of the BAD Site and Shell's operations in connection with it. DTSC's investigation included an information request to Shell and the DTSC files include both Shell's initial and supplemental Responses to DTSC's information request, among other documents. We understand that EPA is already in possession of DTSC's files regarding the BAD Site, and to the extent that EPA is not in possession of these files, they are readily available to the EPA. However, Shell is providing copies of such documents that were provided to Shell in the course of its involvement with the BAD site.

If you have any questions regarding the response below, please contact our counsel, Roberta Lewis, at 713-241-7188.

Very truly yours,

William E. Platt, III

Sr. Manager, Environmental Claims

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SUPPLEMENTAL RESPONSE

GENERAL OBJECTIONS

Shell incorporates herein by reference the general privileges, protections and objections with respect to the RFI and each information request therein from its Original Response into this Supplemental Response.

Subject to the foregoing objections and all objections stated within Shell's responses to individual requests, the following are Shell's supplemental responses to the RFI.

Shell incorporates by reference each individual response in its Original Response into each individual response in this Supplemental Response. Additions or clarifications to Shell's Original Responses are set forth in lightface type below each question, which is in bold-face type.

1. Describe generally the nature of the business conducted by Respondent and identify the products manufactured, formulated, or prepared by Respondent throughout its history of operations.

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. Identifying each of the products manufactured by Shell is not feasible due to the scope of products and long history of the company.

Notwithstanding the foregoing, and without any waiver of its objections, Shell provides the following supplemental information:

A review of available historical data indicates the following information.

Shell refineries operating in California or the surrounding states at some time during the relevant timeframe included the Wilmington Manufacturing Complex (which included both the Wilmington Refinery and the Dominguez Refinery) and the Martinez Manufacturing Complex. Products that may have been manufactured or handled at each plant include the following:

Martinez Manufacturing Complex (1915-Present) - gasoline, turbine and diesel fuel, base stocks, marine fuel oil, propane and butane, asphalts and catalysts

Wilmington Manufacturing Complex (including Wilmington Refinery, aka Carson (1923-1991) and Dominguez Refinery (1927-1991)) - three grades of gasoline, turbine fuel, diesel oil, lubricants, marine fuel oil, intermediates, petroleum coke, chemical products and solvents

Shell Chemical Plants operating in California or surrounding states at various times during the relevant timeframe included Shell Point, Pittsburgh, California; Ventura Plant, Ventura, California; Martinez Plant, Martinez, California; Dominguez Plant, Wilmington, California (later known as the Carson Plant); Torrance Plant, Torrance, California and St. Helen's Plant, St. Helen's, Oregon. Primary products that may have been manufactured or handled at each plant included the following:

Shell Point (1931-1972) - Industrial Chemicals, ammonia, catalysts, solid fertilizers

Ventura Plant (1953-1972) - Agricultural Chemicals, urea (fertilizer), ammonia

Martinez Plant (1930-Present) – Industrial Chemicals, secondary butyl alcohol, catalysts

Dominguez Plant (1936-1991) - Industrial Chemicals, acetone

Torrance Plant (1955-1971) - Polymers, butadiene

St. Helen's Plant (1965-1972) - Agricultural Chemicals, anhydrous ammonia, urea and related fertilizer products

(Note: Certain of Shell's chemical products were, from time to time, formulated, compounded, processed, toll converted or manufactured by third parties.)

Major lubricants plants (i.e. compounding locations) which existed in California or the surrounding states at some time during the relevant timeframe included Wilmington, California (dismantled and sold in 1999/2000) and Willbridge Plant, Portland, Oregon. (Shell owned and operated the Willbridge Terminal from approximately 1949-1994. The prior owner of the Willbridge Terminal was Shell Company of California, which acquired the property in 1914 from Capitol Refining Company.) Shell's lubricants plants typically manufactured, packaged and shipped a wide range of lubricating oils to customers in a variety of industries such as automotive, industrial, farm, railroad, marine and aviation.

Shell has historically maintained a broad network of distribution plants, terminals, and warehouse locations, primarily to supply gasoline to its dealers, however, in addition to fuels, some plants handled asphalt, oils, lubricants, greases and chemicals. While most plants handled only bulk products, some also handled packaged products. Distribution plants, terminals and/or warehouse locations which existed in California or the surrounding states at some time during the relevant timeframe included facilities in the following cities:

Chico, California Martinez, California Oakland, California Sacramento, California South San Francisco, California South San Francisco Airport, San Francisco, California Stockton, California Bakersfield, California Carson, California Colton, Bloomington, California Commerce, California Los Angeles, California Mission Valley, San Diego, California Signal Hill, Long Beach, California Ventura, California Van Nuys, California

Fresno, California
San Francisco, California
San Jose, California
Eugene, Oregon
Sparks, Reno, Nevada
Willbridge, Portland, Oregon
Las Vegas, Nevada
Phoenix, Arizona
Tucson, Arizona

- 2. Provide the name (or other identifier) and address of any facilities where Respondent carried out operations between 1940 and 1988 (the "Relevant Time Period") and that:
 - a. Ever shipped drums or other containers to the BAD Site for recycling, cleaning, reuse, disposal, or sale.
 - b. Are/were located in California (excluding locations where ONLY clerical/office work was performed);
 - c. Are/were located outside of California and shipped any drums or other containers to California for recycling, cleaning, reuse, disposal, or sale (for drums and containers that were shipped to California for sale, include in your response only transactions where the drums and containers themselves were an object of the sale, not transactions where the sole object of the sale was useful product contained in a drum or other container).

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. As stated in the RFI, "EPA is seeking to identify parties that have or may have contributed to contamination at the Site." However, in addition to facilities with a connection to the BAD Site, Request No. 2 purports to also seek information regarding any facility located in California (excluding locations where ONLY clerical/office work was performed) and any facility located outside of California that shipped drums or other containers to any location in California, even to locations other than the BAD Site. These other facilities have no nexus with the BAD Site, and thus this request seeks information that is not relevant to the Site.

Notwithstanding the foregoing, and without any waiver of its objections, Shell provides the following supplemental information:

See Shell's Supplemental Response to Question No. 1 for information regarding facilities where Shell carried out operations between 1940 and 1988 in California and/or surrounding states.

a. No documentation was located through a diligent search indicating that any of the facilities identified in Shell's Supplemental Response to Question No. 1 ever shipped drums or other containers to the BAD Site for recycling, cleaning, reuse, disposal, sale, or any other purpose.

- b. Shell's Supplemental Response to Question No. 1 indicates facilities operated by Shell between 1940 and 1988 that were in California (excluding retail gasoline stations and offices where only clerical work was performed).
- c. No documentation was located through a diligent search indicating that any facility outside of California (the search was limited to the immediately adjacent states of Oregon, Nevada and Arizona) shipped any drums or other containers to California for recycling, cleaning, reuse, disposal, or sale.
- 3. Provide a brief description of the nature of Respondent's operations at each Facility identified in your response to Question 2 (the "Facilities") including:
 - a. The date such operations commenced and concluded; and
 - b. The types of work performed at each location over time, including but not limited to the industrial, chemical, or institutional processes undertaken at each location.

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. In particular, but without limiting the generality of the foregoing objection, Shell objects to the request in (b.) that it describe "types of work performed at each location over time..." Without identification by the EPA of the types of work it is referring to, it would be virtually impossible, given the broad nature of possible work at various facilities, to describe each and every type of work that was performed at any facility. To the extent that EPA seeks information about facilities that have no nexus with the BAD Site, this request is not relevant to the Site.

Notwithstanding the foregoing, and without any waiver of its objections, Shell provides the following supplemental information: See Shell's Supplemental Response to Ouestion No. 1.

4. For each Facility, describe the types of records regarding the storage, production, purchasing, and use of Substances of Interest ("SOI") during the Relevant Time Period that still exist and the periods of time covered by each type of record.

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome to the extent it seeks to require Shell to describe "types of records". If documents had been provided in response to this RFI, each and every document regarding SOIs would not also be "identified" by describing its contents. Shell further objects to Request No. 4 as it purports to seek information relating to hazardous

substances beyond the specific chemicals for which EPA purports to have evidence of a release or threatened release to the environment at the Site and that is not relevant to the Site; thus Shell has limited its review of documents and information to COCs identified by EPA.

Notwithstanding the foregoing, and without any waiver of its objections, Shell provides the following supplemental information:

Access to Shell's historical documents, files and other corporate information is usually obtained by a specific location name or specific address. Since 1947, Shell has had a Record Retention Program which has been modified numerous times during subsequent years. Since these questions inquire into circumstances and matters that occurred during a time period considerably outside of Shell's normal document retention policy, it is likely that there would be little or no documentation in the possession of Shell which would provide assistance in developing a response. Records relating to each facility's storage, production, purchasing and use of Substances of Interest ("SOI") may exist, but obtaining and reviewing all such records for purposes of responding to the RFI is unduly burdensome, particularly because no connection between any of the facilities and the Yosemite Creek Superfund Site or the BAD Site has been identified.

In support of Shell's position that none of the documents referenced in this request are relevant to the Yosemite Creek Superfund Site or the BAD Site, Shell provides the following information:

Shell's January 19, 1993 Response to the California Department of Toxic Substances Control's ("DTSC's") Information Request regarding Bay Area Drum stated that Shell had determined that some business relationship did exist with Myers Drum Company and Waymire Drum Company, Inc. Shell identified a number of payments to these two companies on computer vendor lists. These lists did not provide further information regarding the nature of the transactions. Employee interviews and additional documentation indicated that transactions occurred between the following:

- Shell's Martinez location and Myers Container Corp. in Oakland
- Shell's Carson Plant/Wilmington Complex and Myers Container Corp. in Los Angeles
- Shell's Willbridge Plant and Myers Container Corp. in Portland.

Shell's March 9, 1993 First Supplemental Response to the DTSC's Information Request regarding Bay Area Drum indicated that a review of records indicated that Shell purchased reconditioned or new drums from Meyers Drum facilities in Oakland, Los Angeles and Portland, Oregon and that Shell sent drums for reconditioning from Shell's Martinez Manufacturing Complex to Meyers Drum in Oakland, California. Shell did not locate any documents for shipments to or purchases from Meyers Drum in San Francisco or the BAD Site. Shell also reviewed cash payment records to Waymire Drum Company, all of which documented the purchase of open top drums from Waymire's facilities located in Los Angeles, California. Shell did not locate any documentation regarding any business relationship with Waymire's San Francisco location or the BAD Site.

On February 2, 1996, the DTSC responded to a request from Shell to send a copy of documentation in their possession regarding Shell's alleged liability. The DTSC sent the following:

- Bay Area Drum invoice, dated 4/3/85, referencing a purchase by Bay Area Drum of 40 drums from "Shell Station #4";
- a ledger sheet referencing "Carlmont Shell";
- excerpts from a private investigator's interview of Jack Hamilton, a former employee and owner/operator at the BAD site who is purported to have said "Shell Oil in San Francisco had 50 drums picked up every two months" and "Shell Oil: located in San Francisco down the street from Peninsula; 'small jobber'. Picked up 50 drums every 2 months."

On February 21, 1996 Shell responded to the DTSC, addressing each of the items sent by the DTSC alleging Shell's liability. First, the invoice referencing "Shell Station #4" provided no name or location; therefore, Shell was unable to provide the operational history for this facility. (Shell's records are generally accessible by name and/or location only.) Second, the ledger referencing "Carlmont Shell" appeared to pertain to a location at 2000 Ralston Ave., Belmont, California, which was operated by an independent dealer during the relevant timeframe, and was not an operation of the Shell Oil Company per the Dealer Agreement dated March 22, 1982. Third, regarding the statements of Jack Hamilton, Shell informed the DTSC that "jobber" is a label for an independent business (basically a distributor) with no affiliation with Shell other than as a purchaser of products from Shell for subsequent resale to retail outlets, and that jobbers, like independent dealers, are independent businesses operating pursuant to their own policies and procedures. Courts have uniformly held that a franchisor oil company is not liable for waste oil disposal from franchisee operating stations, General Electric Company v. Aamco Transmissions, Inc., 962 F.2d 281 (2nd Circuit 1992) and U.S. v. Arrowhead Refining Company, 829 F.2d 1078 (D. Minnesota 1992). Shell also informed the DTSC that since the nature of a jobber's business is to distribute petroleum fuel products, the residue of materials remaining in any drum sold for reconditioning would be excluded from the definition of a hazardous substance pursuant to federal and state law.

5. Did Respondent ever (not just during the Relevant Time Period) produce, purchase, and use, or store one of the COCs (including any substances or wastes containing the COCs) at any of the Facilities? State the factual basis for your response.

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. By removing any temporal limit and any nexus between COCs at Shell's Facilities and the BAD Site, Request No.5 purports to seek information relating to Shell's Facilities that is not relevant to contamination at the Site.

Notwithstanding the foregoing, and without any waiver of its objections, Shell provides the following supplemental information:

As stated previously in this supplemental response, Shell refineries operating in California or the surrounding states at some time during the relevant timeframe may have manufactured or handled such products as gasoline, turbine fuel, diesel fuel, lubricants,

base stocks, intermediates, petroleum coke, marine fuel oil, propane, butane, asphalts, catalysts, chemical products and solvents.

Shell Chemical Plants operating in California or surrounding states at some time during the relevant timeframe may have handled such products as industrial chemicals, agricultural chemicals, ammonia, catalysts, solid fertilizers, urea and related fertilizer products, secondary butyl alcohol, acetone, polymers, butadiene, and anhydrous ammonia. Dieldrin and DDT, two of the COCs found at Yosemite, were not manufactured by Shell in California and Shell has found no documentation that any of this material was ever contained in drums allegedly sent to the BAD site.

Shell's lubricants plants typically manufactured, packaged and shipped a wide range of lubricating oils to customers in a variety of industries such as automotive, industrial, farm, railroad, marine and aviation.

Shell's broad network of distribution plants, terminals, and warehouse locations supplied gasoline to its dealers, as well as handling, storing, packaging and/or distributing oils, lubricants, greases, asphalt and chemicals.

It is important to note that, certainly, not all the materials mentioned above would even have been handled, stored, packaged or distributed in 55 gallon drums that may or may not have gone to the site.

Shell's alleged liability for the BAD Site was based on documents provided by the DTSC which referenced a connection to 2 apparent service stations (one of which was found to be an independent dealer during the relevant timeframe and a" jobber" (basically a distributor) and also an independent business. The nature of a service station or a jobber's business is to market or distribute petroleum products. The residue of materials remaining in any drum sold or sent for reconditioning would, therefore, be excluded from the definition of a hazardous substance pursuant to federal and state law. (See Shell's Supplemental Response to Question No. 4).

In addition, in the course of its participation in the investigation and remediation of the BAD Site, Shell learned that BAD employees said that no PCBs were handled at the BAD Site.

Similarly, Shell Oil Company's use of the Cooper Drum Site in Los Angeles County was connected to its Carson Lubes Plant, which also handled petroleum products that are not "hazardous substances" as that term is defined in Section 101(14) of CERCLA, 42 U.S.C. Sec. 9601(14). Shell's response to the EPA's Information Request for that site also indicated that empty drums may have contained purchased additives or cleaning solution. Employees consulted in the investigation for purposes of responding to the Cooper Drum Site request indicated that these materials also would not have contained PCBs, and, due to their purpose and their formulation specifications, would have had no reason to contain any of the pesticide COCs identified in this RFI.

6. If the answer to Question 5 is yes, identify each COC produced, purchased, used, or stored at each Facility.

RESPONSE:

See Shell's Supplemental Response to Request No. 5.

7. If the answer to Question 5 is yes, identify the time period during which each COC was produced, purchased, used, or stored at each Facility.

RESPONSE:

See Shell's Supplemental Response to Request No. 5.

8. If the answer to Question 5 is yes, identify the average annual quantity of each COC produced, purchased, used, or stored at each Facility.

RESPONSE:

See Shell's Supplemental Response to Request No. 5.

9. If the answer to Question 5 is yes, identify the volume of each COC disposed by the Facility annually and describe the method and location of disposal.

RESPONSE:

See Shell's Supplemental Response to Request No. 5.

10. Did Respondent ever (not just during the Relevant Time Period) Produce, purchase, use, or store hydraulic oil or transformer oil at any of the Facilities? State the factual basis for your response to this question.

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. By removing any temporal limit and any nexus between hydraulic oil or transformer oil at Shell's Facilities and the BAD Site, Request No. 10 purports to seek information relating to Shell's Facilities that is not relevant to contamination at the Site.

Notwithstanding the foregoing, and without any waiver of its objections, Shell provides the following supplemental information: Based on a review of records and available information, Shell may have produced, purchased, used, or stored hydraulic oil or transformer oil at a facility. However, Shell has found no documentation to indicate that any of these materials would have been previously contained in any empty drums that may have gone to the BAD Site or the Yosemite Creek Superfund Site.

11. If the answer to Question 10 is yes, identify each specific type of hydraulic oil and transformer oil produced, purchased, used, or stored at each Facility.

RESPONSE:

See Shell's Supplemental Response to Request No. 10. Access to Shell's historical documents, files and other corporate information is usually obtained by a specific location name or specific address. Since 1947, Shell has had a Record Retention Program which has been modified numerous times during subsequent years. Since these questions inquire into circumstances and matters that occurred during a time period considerably outside of Shell's normal document retention policy, it is likely that there would be little or no documentation in the possession of Shell which would provide assistance in developing a response. Records relating to the specific type of hydraulic oil or transformer oil produced, purchased, used or stored at each facility, their quantities, volumes and methods of disposal may exist, but obtaining and reviewing all such records for purposes of responding to the RFI is unduly burdensome, particularly because no connection between any of the facilities and the Yosemite Creek Superfund Site or the BAD Site has been identified.

12. If the answer to Question 10 is yes, identify the time period during which each type of hydraulic oil and transformer oil was purchased, produced, used, or stored.

RESPONSE:

See Shell's Supplemental Responses to Requests No. 10 and 11.

13. If the answer to Question 10 is yes, identify the average annual quantity of each type hydraulic oil and transformer oil purchased, produced, used, or stored at each Facility.

RESPONSE:

See Shell's Supplemental Responses to Requests No. 10 and 11.

14. If the answer to Question 10 is yes, identify the volume of each hydraulic oil and transformer oil disposed by the Facility annually and describe the method and location of disposal.

RESPONSE:

See Shell's Supplemental Responses to Requests No. 10 and 11.

- 15. Provide the following information for SOI (SOIs include any substance or waste containing the SOI) identified in your responses to Questions 5 and 10:
 - a. Describe briefly the purpose for which each SOI was used at the Facility. If there was more than one use, describe each use and the method and location of disposal.
 - b. Identify the supplier(s) of the SOIs and the time period during which they supplied the SOIs, and provide copies of all contracts, service orders, shipping manifests, invoices, receipts, canceled checks and other documents pertaining to the procurement of the SOI;
 - c. State whether the SOIs were delivered to the Facility in bulk or in closed containers, and describe any changes in the method of delivery over time;
 - d. Describe how, where, when, and by whom the containers used to the store the SOIs (or in which the SOIs were purchased) were cleaned, removed from the Facility, and/or disposed of, and describe any changes in cleaning, removal, or disposal practices over time.

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. Request No. 15 purports to seek information relating to Shell's facilities that is not relevant to contamination at the Site.

Notwithstanding the foregoing, and without any waiver of its objections, Shell provides the following supplemental information:

Please see Attachment A for available historical documents regarding waste disposal from Shell facilities located in California and surrounding states.

As stated previously, Shell's March 9, 1993 First Supplemental Response to the DTSC's Information Request regarding Bay Area Drum stated that a review of records indicated that Shell purchased reconditioned or new drums from Meyers Drum facilities in Oakland, Los Angeles and Portland, Oregon and that Shell sent drums for reconditioning from Shell's Martinez Manufacturing Complex to Meyers Drum in Oakland, California. Shell did not locate any documents for shipments to or purchases from Meyers Drum in San Francisco or the BAD Site. Shell also reviewed cash payment records to Waymire Drum Company, all of which documented the purchase of open top drums from Waymire's facilities located in Los Angeles, California. Shell did not locate any documentation regarding any business relationship with Waymire's San Francisco location or the BAD Site.

Based on document reviews and interviews of knowledgeable persons, Shell's usual practice regarding drums involved the purchase of empty new or reconditioned drums which were utilized to transport motor oils, lube oils and possibly fuel or fuel

additives. To encourage customers to return drums, Shell charged a nominal deposit which was redeemable once the drums were returned. Empty drums were then retrieved from customers and sent to be reconditioned. Generally, these drums were red with a yellow top and bottom. The top may have contained a stencilled product name, batch number and the trademark Shell pectin. These drums were usually quite empty, as the customers desired to receive maximum benefit from the product they had purchased. Any residue left in the drum usually consisted of "clingage" of the lube oil product which was originally sold to the customer. The standard practice was to drain any clingage into a separate container for storage until it was sent to a recycling facility. These empty drums would have usually previously contained only unused oils or residuals from the repackaging operation, which would not have been "hazardous substances" as defined by CERCLA, 42 U.S.C. Sec. 9601(14).

The "deposit" system appears to have ceased in 1983, after which Shell typically made outright purchases of new or reconditioned drums.

16. For each SOI delivered to the Facilities in closed containers, describe the containers, including but not limited to:

- a. The type of container (e.g. 55 gal. drum, tote, etc.);
- b. Whether the containers were new or used; and
- c. If the containers were used, a description of the prior use of the container.

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. Request No. 16 purports to seek information relating to Shell's Facilities that is not relevant to contamination at the Site.

Notwithstanding the foregoing, and without any waiver of its objections, Shell provides the following supplemental information: See Shell's Supplemental Response to Question No. 15.

17. For each container the respondent used to store a SOI or in which SOIs were purchased ("Substance-Holding Containers" or "SHCs') that was later removed from the Facility, provide a complete description of where the SHCs were sent and the circumstances under which the SHCs were removed from the Facility. Distinguish between the Relevant Time Period and the time period since 1988, and describe any changes in Respondent's practices over time.

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. Shell further objects to Request No. 17 as it assumes that each SHC is

somehow individually identified, tracked, and used and reused by the same entity throughout the life of the SHC. There is no evidence that BAD operated in this way or that it tracked SHCs for its customers such that this information is available. Generally, SHCs, such as drums sent to drum reconditioners by a customer, are fungible commodities and are not individually tagged or tracked to ensure their return to that particular customer. Accordingly, Request No. 17 purports to seek information that does not exist.

Shell further objects to Request No. 17 as it purports to seek information relating to hazardous substances beyond the specific chemicals for which EPA purports to have evidence of a release or threatened release to the environment at the Site and that is not relevant to the Site; thus Shell has limited its review of documents and information to COCs identified by EPA.

Additionally, as stated in the RFI, "EPA is seeking to identify parties that have or may have contributed to contamination at the Site." However, Request No. 17 purports to seek information regarding SHCs that were sent to sites other than the BAD Site. To the extent that EPA seeks information about facilities that have no nexus with the BAD Site, this request is not relevant to the Site.

Notwithstanding the foregoing, and without any waiver of its objections, Shell responds as follows:

See Shell's Supplemental Responses to Requests No. 2 and 15. Shell has found no documents or information indicating that any COCs identified by EPA for the Yosemite Creek Site were sent in containers to the BAD Site. Please see Attachment A for available historical documents regarding waste disposal from Shell facilities located in California and surrounding states. Pursuant to conversations with Counsel for EPA, we are not required to provide supplemental information relating to the time period since 1988.

18. For each SHC that was removed from the Facility, describe Respondent's contracts, agreements, or other arrangements under which SHCs were removed from the Facility, and identify all parties to each contract, agreement, or other arrangement described. Distinguish between the Relevant Time Period and the time period since 1988.

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. As stated in the RFI, "EPA is seeking to identify parties that have or may have contributed to contamination at the Site." However, Request No. 18 purports to seek information regarding SHCs that were sent to sites other than the BAD Site. To the

extent the EPA seeks information about facilities that have no nexus with the BAD Site, this request is not relevant to the Site.

Notwithstanding the foregoing, and without any waiver of its objections, Shell responds as follows: See Shell's Supplemental Responses to Questions No. 2 and 18.

19. For each SHC, provide a complete explanation regarding the ownership of the SHC prior to delivery, while onsite, and after it was removed from the Facility.

Distinguish between the Relevant Time Period and the time period since 1988, and describe any changes in Respondent's practices over time.

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. Shell further objects to Request No. 19 as it assumes that each SHC is somehow individually identified, tracked, and used and reused by the same entity throughout the life of the SHC. There is no evidence that BAD operated in this way or that it tracked SHCs for its customers such that this information is available. Generally, SHCs, such as drums sent to drum reconditioners by a customer, are fungible commodities and are not individually tagged or tracked to ensure their return to that particular customer. Accordingly, Request No. 19 purports to seek information that does not exist. As stated in the RFI, "EPA is seeking to identify parties that have or may have contributed to contamination at the Site." However, Request No. 19 purports to seek information regarding SHCs that were sent to sites other than the BAD Site.

Notwithstanding the foregoing, and without any waiver of its objections, Shell responds as follows:

See Shell's Supplemental Responses to Requests No. 2 and 15. Shell has found no documents or information indicating that any COCs identified by EPA for the Yosemite Creek Site were sent in containers to the BAD Site. Please see Attachment A for available historical documents regarding waste disposal from Shell facilities located in California and surrounding states. Pursuant to conversations with Counsel for EPA, we are not required to provide supplemental information relating to the time period since 1988.

20. Identify all individuals who currently have, and those who have had, responsibility for procurement of Materials at the Facilities. Also provide each individual's job title, duties, dates performing those duties, current position or the date of the individual's resignation, and the nature of the information possessed by each individual concerning Respondent's procurement of Materials.

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. Request No. 20 purports to seek information relating to Shell's Facilities that is not relevant to contamination at the Site. Shell further objects to Request No. 20 as it purports to seek information regarding procurement of "Materials" at facilities other than the BAD site and thus goes beyond the specific chemicals for which EPA purports to have evidence of a release or threatened release to the environment.

Notwithstanding the foregoing, and without any waiver of its objections, Shell responds as follows: Pursuant to telephone discussions with Counsel for EPA, due to the breadth of this request, we are not required to supplement this answer at this time.

- 21. Describe how each type of waste containing any SOIs was collected and stored at the Facilities prior to disposal/recycling/sale/transport, including:
 - a. The type of container in which each type of waste was placed/stored;
 - b. How frequently each type of waste was removed from the Facility;

Distinguish between the Relevant Time Period and the time period since 1988, and describe any changes in Respondent's practices over time.

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. As stated in the RFI, "EPA is seeking to identify parties that have or may have contributed to contamination at the Site." However, Request No. 21 purports to seek information regarding collection and storage of "any SOIs" at facilities other than the BAD Site. To the extent that EPA seeks information about facilities that have no nexus with the BAD Site, this request is not relevant to the Site.

Notwithstanding the foregoing, and without any waiver of its objections, Shell responds as follows: Pursuant to telephone discussions with Counsel for EPA, due to the breadth of this request, we are not required to supplement this answer at this time.

- 22. Describe the containers used to remove each type of waste containing any SOIs from the Facilities, including but not limited to:
 - a. The type of container (e.g. 55 gal. drum, dumpster, etc.);
 - b. The colors of the containers;
 - c. Any distinctive stripes or other markings on those containers;

- d. Any labels or writing on those containers (including the content of those labels);
- e. Whether those containers were new or used; and
- f. If those containers were used, a description of the prior use of the container;

Distinguish between the Relevant Time Period and the time period since 1988, and describe any changes in Respondent's practices over time.

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. Shell further objects to Request No. 22 as it assumes that each SHC is somehow individually identified, tracked, and used and reused by the same entity throughout the life of the SHC. There is no evidence that BAD operated in this way or that it tracked SHCs for its customers such that this information is available. Generally, SHCs, such as drums sent to drum reconditioners by a customer, are fungible commodities and are not individually tagged or tracked to ensure their return to that particular customer. Accordingly, Request No. 22 purports to seek information that does not exist.

As stated in the RFI, "EPA is seeking to identify parties that have or may have contributed to contamination at the Site." Moreover, the RFI defined "COCs" as "any of contaminants of concern" at the Site and includes: lead, zinc, mercury, DDT, chlordane, dieldrin, and PCBs. Shell further objects to Request No. 22 as it purports to seek information relating to hazardous substances beyond the specific chemicals for which EPA purports to have evidence of a release or threatened release to the environment at the Site and that is not relevant to the Site; thus, Shell has limited its review of documents and information to the COCs identified by EPA. Additionally, Shell objects to Request No. 22 as it purports to seek information regarding containers used to remove each type of waste containing any SOIs from the Facilities and taken to any other place during any time. To the extent that EPA seeks information about facilities that have no nexus with the BAD Site, this request is not relevant to the Site.

Notwithstanding the foregoing, and without any waiver of its objections, Shell responds as follows:

Documents provided in Attachment A provide information regarding disposal practices of Shell facilities. Although some waste was occasionally disposed of in drums, we have none of the specific information requested by Question No. 22 for the relevant time period. In addition, no information has been located indicating that waste in drums was disposed of by Shell at the BAD Site or the Yosemite Creek Superfund Site. In addition, see Shell's Supplemental Response to Request No. 15. Pursuant to conversations with Counsel for EPA, we are not required to provide supplemental information relating to the time period since 1988.

23. For each type of waste generated at the Facilities that contained any of the SOIs, describe Respondent's contracts, agreements, or other arrangements for its disposal, treatment, or recycling and identify all parties to each contract, agreement, or other arrangement described. State the ownership of waste containers as specified under each contract, agreement, or other arrangement described and the ultimate destination or use for such containers. Distinguish between the Relevant Time Period and the time period since 1988, and describe any changes in Respondent's practices over time.

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. As stated in the RFI, "EPA is seeking to identify parties that have or may have contributed to contamination at the Site." Moreover, the RFI defined "COCs" as "any of the contaminants of concern at the Site and includes: lead, zinc, mercury, DDT, chlordane, dieldrin, and PCBs. Shell further objects to Request No. 23 as it purports to seek information relating to hazardous substances beyond the specific chemicals for which EPA purports to have evidence of a release or threatened release to the environment at the Site and that is not relevant to the Site; thus Shell has limited its review of documents and information to the COCs identified by EPA. Additionally, Shell objects to Request No.23 as it purports to seek information regarding waste generated at any Facilities that contained any SOIs and taken to any other place during any time. To the extent that EPA seeks information about facilities that have no nexus with the BAD Site, this request is not relevant to the Site.

Notwithstanding the foregoing, and without any waiver of its objections, Shell responds as follows: See Shell's Supplemental Response to Question No. 22. Pursuant to conversations with Counsel for EPA, we are not required to provide supplemental information relating to the time period since 1988.

24. Identify all individuals who currently have, and those who have had, responsibility for Respondent's environmental matters (including responsibility for the disposal, treatment, storage, recycling, or sale of Respondent's wastes and SHCs). Provide the job title, duties, dates performing those duties, supervisors for those duties, current position or the date of the individual's resignation, and the nature of the information possessed by such individuals concerning Respondent's waste management.

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. Identifying all individuals who currently have, and those who have had, responsibility for Shell's environmental matters at all of Shell's Facilities, including those that have no nexus to the BAD Site, is not feasible due to the long history of existence/operations and number of Shell's locations.

Notwithstanding the foregoing, and without any waiver of its objections, Shell responds as follows: See Shell's Supplemental Response to Question No. 2.

A review of files indicates that the following former Shell employees assisted with Shell's Responses to the DTSC's Information Request regarding the BAD Site:

- R. L. Gemeinhardt, Hazardous Waste Coordinator, WDA
- Marve Knoll, Waste Site Coordinator
- Cliff Keiner, Environmental Conservation
- James Lake, Hazardous Waste Engineer

A review of files indicates that the following current/former Shell employees assisted or were consulted in connection with Shell's Responses to the EPA's Information Request regarding the Cooper Drum Site.

- Robert B Voelker, Head Office Packaging Container Buyer
- E. D. Moulder, Team Leader Integration
- Joe Phillips, Product Steward
- David Soza, HSSE Specialist
- Russ Underwood, Operator
- Joe Blumenthal, Chemist
- Dave Kelso, Distribution Rep
- Thomas Jackson, Environmental Coordinator
- Mark Himberger, Principal Program Manager

Current or former employees, to the extent that current contact information is available, can be contacted through Shell Oil Company's Counsel, Roberta S. Lewis, 713-241-7188

25. Did Respondent ever purchase drums or other containers from a drum recycler or drum reconditioner? If yes, identify the entities or individuals from which Respondent acquired such drums or containers.

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. Identifying all drum recyclers or drum reconditioners from which Shell has ever acquired such drums or containers is not feasible due to the long history of existence/operations and the number of Shell's locations. Moreover, identifying all such drum recyclers or drum reconditioners is not relevant to identifying the nature or quantity of materials which have been transported to the BAD Site.

Notwithstanding the foregoing, and without any waiver of its objections, Shell responds as follows: See Shell's Supplemental Response to Question No. 2.

26. Prior to 1988, did Respondent always keep its waste streams that contained SOIs separate from its other waste streams?

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. Shell further objects to Request No. 26 as it purports to seek information relating to hazardous substances beyond the specific chemicals for which EPA purports to have evidence of a release or threatened release to the environment at the Site and that is not relevant to the Site; thus, Shell has limited its review of documents and information to the COCs identified by EPA.

Notwithstanding the foregoing, and without any waiver of its objections, Shell responds as follows:

Shell's review of documents and information for this Supplemental Response did not locate any information responsive to this question. Since this question deals with circumstances and matters which occurred during a time period considerably outside of Shell's normal document retention policy, it is likely that there would be little or no documentation in the possession of Shell which would provide assistance in developing a response. We reserve the right to supplement this response should information become available.

27. Identify all removal and remedial actions conducted pursuant to the Comprehensive Environmental Response, Compensation and Liability Act, 42 U.S.C. § 9601 et seq., or comparable state law; all corrective actions conducted pursuant to the Resource Conservation and Recovery Act, 42 U.S.C. § 6901 et seq.; and all cleanups conducted pursuant to the Toxic Substances Control Act, 15 U.S.C § 2601 et seq. where (a) one of the COCs was addressed by the cleanup and (b) at which Respondent paid a portion of cleanup costs or performed work. Provide copies of all correspondence between Respondent and any federal or state government agency that (a) identifies a COC and (b) is related to one of the above-mentioned sites.

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. As stated in the RFI, "EPA is seeking to identify parties that have or may have contributed to contamination at the Site." However, Request No. 27 purports to seek information regarding a broad range of removal and remedial actions, corrective actions and cleanups. Moreover, identifying all such removal and remedial actions is not feasible due to the long history of existence/operations and the number of Shell's locations. To the extent that EPA seeks information about facilities that have no nexus with the BAD Site, this request is not relevant to the Site. Shell further objects to Request No. 27 to the extent that EPA is already in possession of the requested documents, and to the extent that EPA is not in possession of these files, they are readily available to EPA.

Notwithstanding the foregoing, and without any waiver of its objections, Shell responds as follows:

A review of Shell's legal files indicates that, over the years, Shell has had some kind of interaction regarding approximately 347 waste sites located all across the United States. Approximately 62 of these sites are located in California. This interaction ranges from a simple inquiry regarding Shell's alleged use of a site all the way to Shell's involvement in a settlement action and/or remedial or removal actions. Identifying all such removal and remedial actions and further specifying those that involved an identified COC is not feasible due to the number of waste sites involved, the long history of existence/operations and the number of Shell's locations. In addition, this information is not relevant to the Yosemite Creek Superfund Site or the BAD Site.

Pursuant to conversations with Counsel for EPA, we are not required to provide the information requested by the last sentence of Request No. 27.

28. Provide all records of communication between Respondent and Bay Area Drum Company, Inc.; Meyers Drum Company; A.W. Sorich Bucket and Drum Company;

Waymire Drum and Barrel Company, Inc.; Bedini Barrels Inc.; Bedini Steel Drum Corp.; Bedini Drum; or any other person or entity that owned or operated the facility located at 1212 Thomas Avenue, in the City and County of San Francisco, California.

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. DTSC conducted an extensive investigation of the BAD Site and Shell's operations in connection with it. DTSC's files include extensive records concerning the Bay Area Drum Company, Inc. and other persons and entities that owned or operated the facility located at 1212 Thomas Avenue, in the City and County of San Francisco, California. Shell understands that EPA is already in possession of DTSC's files regarding the BAD Site, and to the extent that EPA in not in possession of these files, they are readily available to EPA.

Shell has no additional information for this Question at this time.

29. Identify the time periods regarding which Respondent does not have any records regarding the SOIs that were produced, purchased, used or stored at the Facilities.

RESPONSE:

In addition to the General Objections set forth above, Shell objects to this request as overbroad in scope, unauthorized by law to the extent it is overbroad, and unduly burdensome. In responding to the RFI, Shell has undertaken a diligent and good faith search for, and review of, documents and information in its possession, custody or control and that are relevant to this matter. Moreover, Shell understands that EPA is already in possession of DTSC's files regarding the BAD Site. Shell is under no further obligation to identify time periods to which these documents do not pertain.

Notwithstanding the foregoing, and without any waiver of its objections, Shell responds as follows:

In addition to reviewing files regarding Shell's efforts to respond to the DTSC's Information Request regarding the BAD Site, Shell reviewed files regarding its efforts to respond to an EPA Information Request regarding the Cooper Drum Site. Cooper Drum, located in Los Angeles County, California was a drum recycler which was apparently used by Shell's Wilmington (a.k.a. Carson) Lubes Plant, therefore documents and interviews of knowledgeable employees were reviewed for any information which might be relevant in answering this Information Request.

A collection of historical information regarding all of Shell's facilities over the years was also reviewed in order to assist in providing beginning/ending dates, locations and products related to specific facilities in California and the surrounding states.

Access to Shell's historical documents, files and other corporate information is usually obtained by a specific location name or specific address. Since 1947, Shell has had a Record Retention Program which has been modified numerous times during subsequent years. Since these questions inquire into circumstances and matters that occurred during a time period considerably outside of Shell's normal document retention policy, it is likely that there would be little or no documentation in the possession of Shell which would provide assistance in developing a response. Records relating to each facility's storage, production, purchasing and use of Substances of Interest ("SOI") may exist, but obtaining and reviewing all such records for purposes of responding to the RFI is unduly burdensome, particularly because no connection between any of the facilities and the Yosemite Creek Superfund Site or the BAD Site has been identified.

30. Provide copies of <u>all documents</u> containing information responsive to the previous twenty-nine questions and identify the questions to which each document is responsive.

RESPONSE:

Shell objects to Request No. 30 as it purports to seek information relating to hazardous substances beyond the specific chemicals for which EPA purports to have evidence of a release or threatened release to the environment at the Site and that is not relevant to the Site; thus, Shell has limited its review of documents and information to the COCs indentified by EPA. Shell further objects to Request No. 30 as it purports to seek copies of documents containing information responsive to the previous twenty-nine questions. DTSC conducted an extensive investigation of the BAD Site and Shell's operations in connection with it. DTSC's investigation included an information request to Shell and the DTSC files include both Shell's initial and supplemental Responses to DTSC's information request, among other documents. We understand that EPA is already in possession of DTSC's files regarding the BAD Site, and to the extent that EPA is not in possession of these files they are readily available to EPA.

Notwithstanding the foregoing, and without any waiver of its objections, Shell responds as follows: Additional documents provided with this Supplemental Response are attached hereto in Attachment A.

ATTACHMENT A

2101 WEBSTER STREET, 12th FLOOR OAKLAND, CA 94612 (510) 286-4200

FACSIMILE: (510) 286-4020 (510) 286-4123

February 2, 1996

TD 0 5 96

Thomas W. Kearns, Esq. Shell Oil Company One Shell Plaza PO Box 2463 Houston, TX 77252

RE: 1212 Thomas Avenue, San Francisco and Environs (Bay Area Drum Site)

Dear Mr. Kearns:

Enclosed pursuant to your request please find documents pertaining to Shell Oil Company's past involvement with the above-referenced Site.

Sincerely,

DANIEL E. LUNGREN Attorney General

KEVIN JAMES

Deputy Attorney General

KJ:pam.

Enclosures

C:\KEVIN\BAD9.LTR

Confidential

RECEIVING TICKET AREA DRUM CO. Inc.

Drums Bought, Sold and Reconditioned

1212 THOMAS AVENUE SAN FRANCISCO, CA 94124 PHONE: (415) 822-39

PURCHASED INVENTORY

Date 4/3/85 No

Received from Shell Station #4

Acct. of:	
QUANTITY.	DESCRIPTION
40	55 GAL # 1 OIL TOP BUNG # / 2 50
-	55 GAL # 2 OIL TOP BUNG /8 9a
	55 GAL. DEHEADERS SHORT
	55 GAL DEHEADERS TALL
	55 GAL. JUNKERS
	55 GAL. F.O.T. L.L. TALL Pet 4/4/01
	55 GAL. F.O.T. L.L. SHORT 10 10 15
	55 GAL. F.O.T. 17H
•	
	55 GAL. F.O.T. BOLT TALL
	55 GAL. F.O.T. BOLT SHORT
	55 GAL. F.O.T. ADG.
	30 GAL. OIL # 1
	30 GAL OIL DEHEADERS
	30 GAL. F.O.T. BOLT
	30 GAL. F.O.T. L.L.
	TOTAL M

ON The Mark

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

	Case Number: <u>11293/012/38</u>
Dat	te Rec'd Complaint: 01/14/92
	EPA Number:
H	Hauler Reg. Number:
	Date this Report: 07/17/92
REPORT OF INVESTIGATION	
Subject: <u>Bay Area Drum</u>	
Address: 1212 Thomas Avenue, San Francis	sco, CA 94124.
Allegation: PRP Search.	
Findings/Disposition:	
Recommendations:	· · · · · · · · · · · · · · · · · · ·
Case Closed: X Supplemental: X Ot	ther:
Case sent to: City Atty.: D.A.:	A.G.: Other: <u>Barbara</u> Cook, Chief ₇₄ Site Mitigation Br.

SUMMARY:

On July 1, 1992, at approximately 1205 hours Staff Services Analyst (SSA) Monica Gan and I met with Jack Hamilton, former employee and owner operator at B.A.D., Steve Henshaw, Senior Product Manager in Charge of the environmental section of Romic Chemical, and Nic Smith, a private investigator with Nicholls Investigative Agency. Smith has been retained by a core group of PRP's who are represented by Heller, Ehrman, a San Francisco Law Firm. The meeting took place in the second floor conference room, Department of Toxic Substances Control, Region 2.

The meeting had been arranged by Henshaw and was originally to have included David Cannon, also a former owner/operator at the site. The question of Cannon's representation was raised again, and despite a letter from an attorney indicating she did not represent Cannon; and Cannon's apparent desire to give a statement, it was determined that Cannon would not be present at this meeting.

William Motmans U
Special Investigator

Michael B. Berriesford

Supervising Investigator

Hamilton broke down his customers for the so called "Bedini period" from 1958 until 1965. Hamilton stated the number one customer for that

Shell Oil in San Francisco had 50 drums picked up every two months.

Shell Oil: located in San Francisco down the street from Peninsula; "small jobber". Picked up 50 drums every 2 months.

DEPARTMENT OF TOXIC SUBSTANCES CONTROL

REGION 2 700 HEINZ AVE., SUITE 200 BERKELEY, CA 94710-2737



October 5, 1995

Mr. Jack Hamilton 728 Hemlock Avenue South San Francisco, CA 94080

Dear Jack:

BAY AREA DRUM SITE CUSTOMER INTERVIEW TRANSCRIPTS

Thank you for the information you provided me last week regarding customers that sent drums to the Bay Area Drum site. Per our conversation last week, I am sending you our interview transcripts for your review. Please feel free to delete incorrect information, or to add any details that were left out. I can be reached at (510) 540-3767 if you have any questions. Thanks again for your help.

Sincerely,

Monica Gan

Assoc. Gov. Program Analyst

Monica Dan

cc: Barbara Cook, P.E., Chief Site Mitigation Branch

Enclosure



SHELL OIL: Small jobber, maybe 50 drums every 2 months between 1958 & 1965. Mostly bought their empties. Their place closed down in the '70s. $R \cup e$

02-WLR-WD

Shell Oil Company Shell Chemical Company

I Chemical Company
of Shell Oil Company
Elivine add ENTAL Wilming

BJD

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TECH FILES

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CAP

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194

ACTION

Wilmington Manufacturing Complex P.O. Box 6249 Carson. California 90749

Telephone. (213) 835-5611

Please HS DES

June 12, 1981

California Department of Health Services ATTN Mr. Mark White 714/744 "P" Street Sacramento, CA 95814

Gentlemen:

We have your letters of February 27, 1981, and May 14, 1981, to our Wilmington Manufacturing Complex and to our Corporate Office in Houston, respectively. These requested information on past waste disposal practices at the Torrance, California, Rubber Plant and at our Wilmington Manufacturing Complex in Carson, California. A response for the Rubber Plant has been provided in a letter of June 5, 1981, from Mr. T. R. Williams in our Houston Corporate Office. Our response for the Wilmington Manufacturing Complex is provided herewith.

Investigation of past waste disposal practices was undertaken to respond to your inquiry, as well as to other government agencies. Some of the information provided here has been excerpted from the following responses to these other government agencies:

- 1. June 29, 1979 Letter and completed questionnaire to the Honorable Bob Eckhardt, House of Representatives, Washington, D.C. 20515, subject, "Committee on Oversight and Investigations Waste Disposal Survey".
- 2. November 18, 1980 Letter and Part A of Hazardous Waste Permit Application for Wilmington Manufacturing Complex (CAD-06676123) to Permits Branch (E-4), Environmental Protection Agency, Region IX, San Francisco.
- 3. June 3, 1981 Letter and Notification of Hazardous Waste Sites in accordance with requirements of Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 to United States Governmen, Environmental Protection Agency Region IX, Sites Notification, San Francisco.

Some exerpts from these have been provided in response to your inquiry.

RECEIVED H.S. & E SUPPORT

NOT RETAINED

BY 1158 TO - 15

PILAS PINTY

HE YOU WANT FELIAINED

Regarding the Chemical Plant on the premises of the Wilmington Manufacturing Complex at 20945 South Wilmington Avenue, Carson, your questions and our responses thereto are as follows:

1. When was the plant built?

The Chemical Plant was built and first placed in operation in 1936.

2. What products have been manufactured at the site from its construction to present operation?

This plant produced isopropyl and secondary butyl alcohols and other oxygenated solvents derived from them. Secondary butyl alcohol is no longer produced at this facility.

3. What wastes and what quantities of these wastes have been produced at the Chemical Plant from its construction until the present?

Typical wastes produced consisted of acid sludges (67% $\rm H_2SO_4$) – prior to 1969, spent absorption carbon, spent lime/soda catalyst and tank bottoms consisting of calcium, magnesium, and iron oxides plus oily emulsions. We have reported in Reference (1), above, that, during the period 1950 to 1978, 3,300 tons were disposed of off-site. The relatively small quantities disposed of on-site consisted of spent absorption carbon and spent lime/soda catalyst. Location of disposal sites is shown in Attachment 1 from Reference (2). Off-site disposal locations are included in Reference (3) and are here enclosed as Attachment 2.

4. Were there, or are there now, any pits, ponds, lagoons, or sumps at the Chemical Plant?

There were such facilities in the past. There is presently one lined pond for process water retention prior to delivery to the L.A. County Sanitation Districts' sewer.

- a. Were they lined?
- b. Where were they located?
- c. What did/do they contain?

The attached drawing (Attachment 1) is a drawing from Reference (2) indicating several past disposal sites in the Dominguez section of our Wilmington Manufacturing Complex. One addition has been made since supplying this with Reference (2). An area on the east side of the property was reportedly used for disposal of spent absorption carbon and some spent lime soda catalyst from the Chemical Plant.

The following are replies to your questions regarding the Shell Manufacturing Complex on Dominguez Street from your letter of May 14, 1981.

6. Did waste disposal occur onto the property corresponding to the address 21200 South Vera Street?

In our investigation we have found no records which indicate that wastes were disposed of onto the above property.

7. Have wastes from the Chemical Plant every been disposed of on Shell property? If so, what type wastes and quantities? Where did disposal occur?

See response to question 3 above.

8. Were refinery wastes disposed of or stored in unlined sumps or evaporated at this facility?

The general nature of the wastes disposed of by such means are described in the Attachment 1 from Reference (2). So far as we are aware, no hazardous wastes from the Wilmington Manufacturing Complex were disposed of on property formerly, but no longer, owned or controlled by Shell.

Please advise us of any further information you may require.

Very truly yours, ORIGINAL SIGNED BY, R. A. O'HARE

R. A. O'Hare - Environmental Conservation Manager

ROH:je

bc: Head Office
Oprns. - Env. Cons. - Mgr.
Legal - K. Phillips
Pub. Aff. P&I-Oil Pr-PR Mgr. Oprns
Env. Affairs - HS&E Env. Affairs - Mgr.

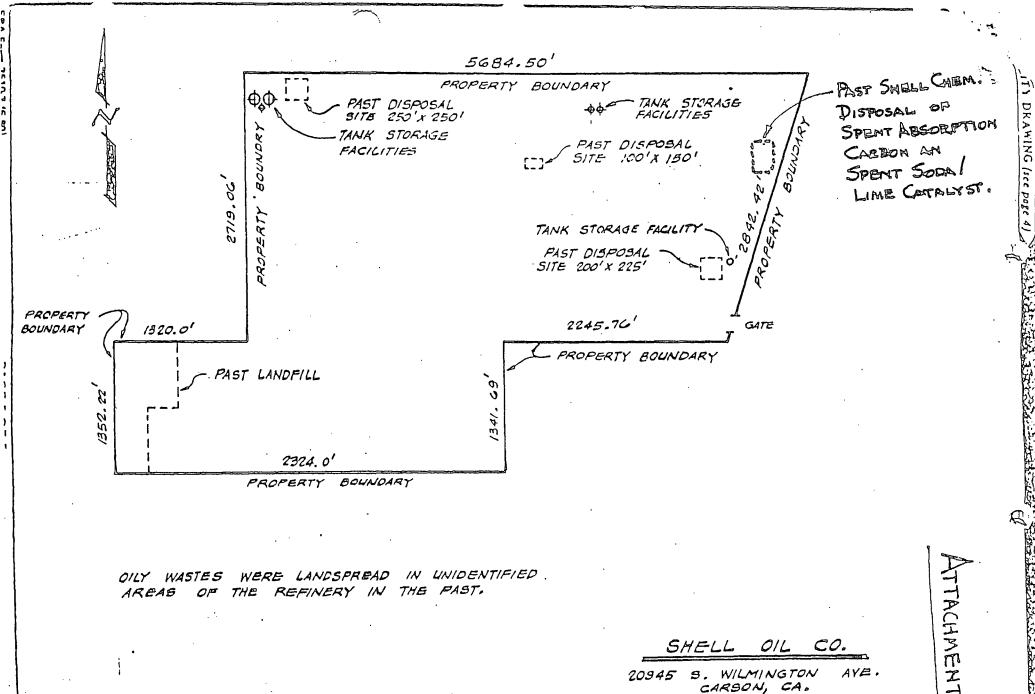
Anaheim Administrative Office Legal - B. G. Warren

Latham and Watkins

Dave Mulliken - San Diego

B. Danner - L.A.

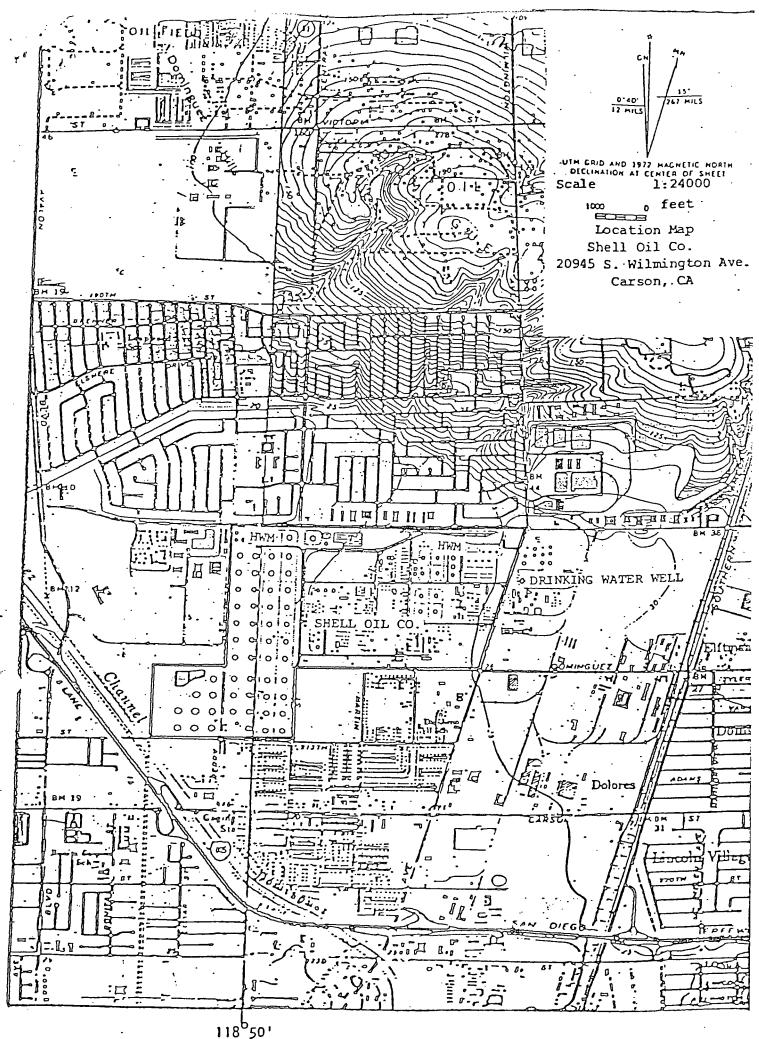
TEI/JWA - WHB/EMM - CCG/JDJ - ROH - E/C File 3.9



TTACHMENT

2000

SCALE: /= 1000'





Notification of Hazardous Waste Site

United States Environmental Protection Agency Washington DC 20460

This initial notification information is required by Section 103(c) of the Compre-bansive Environmental Response, Compen-paper. Indicate the letter of the item extion, and Liability Act of 1980 and must

Please type or print in ink. If you need which applies.

ATTACHMENT

	be mailed by June 9, 1981.		.,	•		ATTACHN	MEN I L
<u>J</u>	Person Required to Notify: Enter the name and address of the person or organization required to notify.				il Company		
	o. o. games o.			son	x 6249	State CA	Zip Code 90749
 33	Site Location:						
	Enter the common name (if know actual location of the site.	n) and	Name of Site	Shel.	Oil Comp	any	
	actual location of the site.		Street	2094	5 5, Wilm	ington A	ve
			City Car		County L.A	<i>-</i>	Zip Code 90745
•	Person to Contact:				011 011	/ /	7.4
(Enter the name, title (if applicable business telephone number of the contact regarding information ubmitted on this form.	e), and e person	Phone		213) 835 S		Cons. Mgr.
)	Dates of Waste Handling:						
	Enter the years that you estimate treatment, storage, or disposal be ended at the site.		From (Year)	1927	To (Year)	980	
(Option I: Select general waste typyou do not know the general waste encouraged to describe the site in General Type of Waste: Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category. 1. Organics 2. Inorganics 3. Solvents 4. Pesticides	Source o Place an boxes. 1.	sources, you rescription of S f Waste: X in the appro	are Site.	Resource Conserva regulations (40 CFF Specific Type of WEPA has assigned a listed in the regulat appropriate four-dig the list of hazardou	tion and Recovery / R Part 261). /aste: a four-digit number tions under Section git number in the bo s wastes and codes	to each hazardous waste 3001 of RCRA. Enter the exception accepted to each hazardous waste accepted. A copy of a can be obtained by a State in which the site in the excepted to the excepted
	11. D Other (Specify)	6. □ Lea 7. □ Iror 8. ☲ Che 9. □ Pla 10. □ Mil 11. □ Elec 12. □ Tra 13. □ Util	ity Companies nitary/Refuse otofinish o/Hospital	al ition tors			

18. 19 Other (Specify) Petrokum Refinery Operations

Form Approved OMB No. 2000-0138 EPA Form 8900-1

	Notification of Hazardous Waste Site			
P 4.		Focility Type	Fotal € Waste Amount	
	Place an X in the appropriate boxes to	1 IT Piles	cubic feet Unknown	
α	indicate the facility types found at the site. In the "total facility waste amount" space	Z. JH. Cana Treatment	gollons	
	give the estimated combined quantity	3. 🔁 Landfill 4. D Tanks	Total Facility Area	
	(volume) of hazardous wastes at the site using cubic feet or gallons.	5. D Impoundment	coupre foet Unknown	
	In the "total facility area" space, give the estimated area size which the facilities	6. ☐ Underground Injection 7. ☐ Drums, Above Ground		
	occupy using square feet or acres.	8. D Drums, Below Ground	acres	
	_	9. D Other (Specify)		
G	Known, Suspected or Likely Releases			
	Place an X in the appropriate boxes to indicor likely releases of wastes to the environment	cate any known, suspected, A Dos Y knownent.	☐ Known ☐ Suspected ☐ Likely	□ Non
	Note: Items Hand I are optional. Completi hazardous waste sites. Although completi	ing these items will assist EPA and State and ing the items is not required, you are encour	d local governments in locating and a aged to do so.	assessi
H	Sketch Map of Site Location: (Option	nal)		
	Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.			,
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		Aller and the second se		
Û	Description of Site: (Optional)			
į.	Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed		•	
(.	and where the waste came from. Provide any other information or comments which may help describe the site conditions.			
			•	
			•	
<u>J</u>	Signature and Title:			
e)	The person or authorized representative	Name T. F. Innocenzi, M.	anaarn was	
	(such as plant managers, superintendents, trustees or attorneys) of persons required		Ø Owner, Pr □ Owner, Pr	
	to notify must sign the form and provide a mailing address (if different than address	Street Sume as Item A	🗆 Transporte	er
	in item A). For other persons providing notification, the signature is optional.	City State	∑ip Code ☐ Operator,	
	Check the boxes which best describe the	(IF)	6/4/2. Other	
	relationship to the site of the person required to notify. If you are not required to notify check "Other".	Signoture /C Jun ann.	Dote 5/4/8/	

United States
Environmental Protectic
Agency
Washington DC 20460

•	This exitial notification informat required by Section 103(c) of the hensive Environmental Responsection, and Liability Act of 1980 be mailed by June 9, 1981.	e Compre- e, Compen-	coditional space, us	t in ink. If you need se separate sheets of letter of the item			
A	Person Required to Notify:		C1. 11	a' (a			
	Enter the name and address of t	he person	Nome Shell	Oil Company			
	or organization required to notify	/-	Stroet P.O.	Box 6249			
	·		city Carso	ท	State CA	Zip Code 90749	
8	Site Location:			1 1/ 5			
	Enter the common name (if know	vn) and	Name of Site Ma (Call Dumpsite			
	actual location of the site.		Street	•			
			civ Fullerton	county Orange	State CA	Zıp Code .	
C	Person to Contact:			Alu 3° 1		4	
	Enter the name, title (if applicable), and		Name (Last, First and Tit	101 O'Hare, Richa	rd; EAUR	Cons. Myr.	
	business telephone number of the to contact regarding information submitted on this form.		Phone [2/3]	835 - 5611	<u> </u>		
7					. —		
D	Dates of Waste Handling:						
	Enter the years that you estimate treatment, storage, or disposal be ended at the site.		From (Year) 194	'2 To (Year) /94	76		
_	Waste Type: Choose the optic	on you pre	efer to complete				
	Option 1: Select general waste to you do not know the general was encouraged to describe the site it	ste types or	sources, you are		n and Recovery A	ersons familiar with the Act (RCRA) Section 300	
	General Type of Waste: Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.	Source o Place an boxes	f Waste: X in the appropriate	listed in the regulation appropriate four-digit the list of hazardous to	our-digit number ns under Section number in the bo wastes and codes	to each hazardous was: 3001 of RCRA. Enter the sizes provided. A copy of sizes be obtained by State in which the site.	
(1. 知 Organics	1. D Mir	ning	Nocated.			
٠.	2. D Inorganics .		nstruction				
	3. Solvents	3. 🗆 Tex					
	4. D Pesticides 5. D Heavy metals	4. D Fer	tilizer per/Printing				
	6. 知 Acids	-	ther Tanning		-	<u> </u>	
	7. D Bases		n/Steel Foundry				
	8. D PCBs		emical, General				
	9. D Mixed Municipal Waste		ting/Polishing		 		
	10. 🗆 Unknown		itary/Ammunition				
	11. D Other (Specify)		ctrical Conductors				
		12 m Tra	neformers				

13. D Utility Companies
14. D Sanitary/Refuse
15. D Photofinish
16. D Lab/Hospital
17. D Unknown

18 KOther (Specify)
Petraleum Refiner

Form Approved OMB No. 2000-0138

EPA Ferm 0000-1

Ė	Moore Quentity:	FCOUNTY Typo	Total Wasto Amount
	Fies on X in the appropriate boxes to	1. 🗆 Piles	cubic foot Unknamen
•.	indicate the facility types found at the site. In the "total facility waste amount" space	2. D Lond Treatment 3. 實 Landfill	Callour
	oive the estimated combined quantity (column) of hazardous wastes at the site	4. D Tonks	Total Facility Area
•	using cubic feet or gallons.	5. Impoundment 6. Underground Injection	cquare foot Unknown
	In the "total facility area" space, give the ostimated area size which the facilities eccupy using square feet or ocres.	7. Drums, Above Ground 8. Drums, Below Ground	CCFOS
		9. Other (Specify)	
G	Known, Suspected or Littely Releases to		Name of Supposed Child
	Place an X in the appropriate boxes to indicate at likely releases of wastes to the environment.		
	Note: Items Hand I are optional. Completing the hazardous waste sites. Although completing the	nese items will assist EPA and State and the items is not required, you are encoura	local governments in locating and assessing aged to do so.
H	Stotch Map of Site Location: (Optional) Stotch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.		
(
	•		
	•		
			•
0	Description of Site: (Optional)		
(Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.		
•	• •	1 / 1/2	ste amount shown
	This was a comments contribution from	rcial disposer, was	1
	is contribution from	s Shell Oil Co. on	ly,
	•	•	•
		•	
<u> </u>	Signature and Title:		
ອ	The person or outhorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the rolationship to the site of the person	oet Sama as A	Owner, Present Owner, Past Transporter Operator, Present Operator, Present Operator, Past Other

Pétroleum Retinery

Operations

Form Approved OMB No. 2000-0138 EPA Form 0800-1

Floce an X in the appropriate baxes to igdicate the facility types found at the site. In the "total facility waste amount" apace give the estimated combined quantity tvolume) of hazardous wastes at the site using cubic feet or gallons. In the "total facility area" apace, give the ostimated area size which the facilities cccupy using square feet or acres. In the "total facility area" apace, give the ostimated area size which the facilities Total Facility Aroa cquare foot I mean and the site of the sit	· [=	Vicero Quantity:	English Trops	Total 5 Wasto Amount					
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pine the estimated combined quentity foolums) of hazardous wastes at the cite using cubic feet or gallons. In the "Intel facility area" (pace, give the ostimated area size which the facilities eccupy using square feet or acros. B. Drums, Balow Ground B. Movern, Suspected or Likely Releases to the Environment: Place an X in the appropriate boxes to indicate any known, suspected, \$\textit{Place}\$ the propriate boxes to indicate any known, suspected, \$\textit{Place}\$ the same of likely releases of wastes to the environment: Place an X in the appropriate boxes to indicate any known, suspected, \$\textit{Place}\$ the same of likely releases of wastes to the environment: Note: Items Hand I are optional. Completing these items will assist EPA and State and local governments. hazardous waste sites. Although completing the items is not required, you are encouraged to do so Structor Niep of Site Location: (Optional) Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the direction north. You may substitute a publishing map showing the site location. Describe the history and present conditions of the site. Give directions to indicate the direction north. You may substitute a publishing map showing the site location. Describe the history and present conditions of the site. Give directions to the site in the direction onth. You may substitute a publishing map showing the site location. This was a commercial disposer. Waste amount is controlled by describe the site conditions. This was a commercial disposer. Waste amount is controlled to the conditions. The person or authorized representative (buch as plent managers, superintendents, frustees or outnores) of person required.	•	T s.		Callons 890 190					
Statch Map of Site: (Optional)		give the estimated combined quantity		Total Facility Area					
Commenced area either which the facilities occupy using square feet or acres. 8. Drums, Below Ground 8. Drums, Below Ground 8. Drums, Below Ground 9. Movern, Suspected or Likely Roleases to the Environment: Place an X in the appropriate boxes to indicate any known, suspected. **RPDo **Lagard** Known Suspected or likely roleases of wastes to the anvironment. Note: Items Hand I are optional. Completing these items will essist EPA and State and local governments integrated to waste sites. Although completing the items is not required, you are encouraged to do so. Statech **Map of Site Location.** (Optional) Sketch a map showing streets, highways, routes or other prominent landmarks near the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location. Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, optings, lakes, or housing include such information as how waste was disposed and where the maje or comments which empty help describe the site conditions. This was a commercial disposer. Waste amount is continued to the site of conditions. This was a commercial disposer. Waste amount is contribution from Shell Oil Co. only.	b		<u>-</u>	•					
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Rinowan, Suspected or Likely Releases to the Environment: Place an X in the appropriate boxes to indicate any known, suspected #Path Y known Suspected Place of National		eccupy using square feet or acres.							
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J Signature and Title: The person or authorized representative Name T.E. Imnoerna, Manager (such as plant managers, superintendents, trustees or attorneys) of persons required		· · · · · · · · · · · · · · · · · · ·	reretal disposer.	1					
J Signature and Title: The person or authorized representative Name T.E. Imnoerna, Manager (such as plant managers, superintendents, trustees or attorneys) of persons required		es contribution fro	om Shell Oil Co. on	y,					
The person or authorized representative Name T.E. IMPOCERS, Manager (such as plant managers, superintendents, trustees or attorneys) of persons required									
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mailing address (if different than address in item A). For other persons providing Cmy State Zip Code		The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing motification, the signature is optional. Check the boxes which best describe the rolationship to the site of the person required to notify. If you are not required	Stroet Sqma qs A Cny Stote	□ Owner, Past □ Transporter □ Operator, Preser □ Operator, Past □ Other					

,	This initial notification information is required by Section 103(c) of the Comhensive Environmental Response, Conscion, and Liability Act of 1980 and response by June 9, 1981.	pre- caditional space, use npen- paper. Indicate the le	separate sheets of	·	
Ά	Person Required to Notify:	Clast	0.10		
	Enter the name and address of the pe or organization required to notify.		Oil Company		
	CA CASSINIZATION TOQUIRED TO TIONITY.	Stroet P.O. B	OX 6249		
	r	city Carson		State CA	ZID Code 90749
8	Site Location:	TOI	<u> </u>		
	Enter the common name (if known) ar		1		
	actual location of the site.	Street 420	Henry Ford	AVENUE	
			n County LA		Z ip Code
c	Person to Contact:			<u> </u>	
	Enter the name, title (if applicable), an		O'Hare Richa	rd; SAVIN	Cons. Myr.
	business telephone number of the per to contact regarding information submitted on this form.	Phone (2/3)	835-56//		
)ates of Waste Handling:				·······
	Enter the years that you estimate was treatment, storage, or disposal began a ended at the site.		8 To (Year) 196	9	
E	Waste Type: Choose the option yo	u prefer to complete	· · · · · · · · · · · · · · · · · · ·	•	
	Option 1: Select general waste types a you do not know the general waste typencouraged to describe the site in Item	es or sources, you are		on and Recovery A	ersons familiar with the Act (RCRA) Section 3001
		rce of Weste: e an X in the appropriate es.	listed in the regulation appropriate four-digit the list of hazardous	our-digit number ons under Section number in the bo wastes and codes	to each hazardous wast 3001 of RCRA. Enter thoses provided. A copy of can be obtained by State in which the site
	1. St Organics 1. I	⊃ Mining	located.		
(· · · · · · · · · · · · · · · · · · ·	☐ Construction		 ,	
Ϊ,		□ Textiles			
	4. D Pesticides 4. I	⊃ Fertilizer			
		☐ Paper/Printing			
		D Leather Tenning			
		☐ Iron/Steel Foundry			
		Chemical, General			
		☐ Plating/Polishing			
		☐ Military/Ammunition ☐ Electrical Conductors			
		Trensformers			
		Utility Companies			
		Sanitary/Refuse			
		☐ Photofinish			
		D Leb/Hospital			
		7 Linknown			

18. 20 Other (Specify)
Petra kum Refinery
Operations

Ficaco typo or paint in ink. If you need

Form Approved OMB No. 2000-0138 EPA Ferm 0900-1

a-	Traces well.	acomored of the	ordization Amount						
	Ploce on X in the oppropriote boxes to	9. 🗖 Piles	eutric foot						
	indicate the facility types found at the site.	2. D Lond Troatment	182 004						
•	in the "total facility waste amount" cpace give the estimated combined quantity	3. 🗆 Londfill	collons 182,826						
•	(volume) of hazardous wastes at the site	4. 🗆 Tanks	Total Facility Area						
-	using cubic feet or gallons.	5. D Impoundment	cquare foot						
	In the "total facility area" epace, give the	 Underground Injection Drums, Above Ground 	coros Unknown						
	estimated area size which the facilities eccupy using square feet or ocres.	8. D Drums, Below Ground	coros Un Known						
		9. 因 Other (Specify)	9 WH						
G	Known, Suspected or Likely Releases								
	Place an X in the appropriate boxes to indic or likely releases of wastes to the environm	Place an X in the appropriate boxes to indicate any known, suspected, A Dep Y draw Known Suspected Likely None							
	Mote: Items Hand I are optional. Completing hazardous waste sites. Although completing	ig these items will assist EPA and State ng the items is not required, you are end	and local governments in locating and assessing ouraged to do so.						
H	Sketch Map of Site Location: (Option	al)							
	Sketch a map showing streets, highways,	•	•						
	routes or other prominent landmarks near the site. Place an X on the map to indicate								
	the site location. Draw an arrow showing								
	the direction north. You may substitute a publishing map showing the site location.								
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		•							
			•						
			•						
8	Description of Site: (Optional)		•						
	Describe the history and present								
	conditions of the site. Give directions to the site and describe any nearby wells,								
	eprings, lakes, or housing. Include such								
	information as how waste was disposed								
<i>_</i>	ond where the waste came from. Provide ony other information or comments which								
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	This was a source	and disperse	laste amount shown						
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			·						
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J	Signature and Title:								
-	The person or authorized representative	Nome T. E. IMMOCRAZI,	MENAGER DOWNER, Present						
	(Buch as plant managers, superintendents,		Owner, Past						
	Trustees or attorneys) of persons required to notify must sign the form and provide a	Birost Same as A	D Transporter						
	mailing address (if different than address		Operator, Present						
	in item A). For other persons providing notification, the signature is optional.	City State	Σφ Code Derator, Past						
	Check the boxes which best describe the	$\mathcal{L}_{\mathcal{E}}$	Clylg, A Other						
	relationship to the site of the person required to notify. If you are not required	Bignoturo / Sing arenj.	Dote						
	to notify sheck "Other".	. 0							

	This initial notification information information in the property of the prope	Compre- , Compen-	coditional space, u	nt in ink. If you need se separate sheets of letter of the item		
\overline{A}	Person Required to Notify:			a' / A		
	Enter the name and address of the			Oil Company		
	or organization required to notify		Stroet P.O.	BOX 6249		
	t		city Carso	ŋ	State CA	ZID Code 90749
8	Site Location:		·····	<i>u</i> , , ,	1.	
=	Enter the common name (if know octual location of the site.	n) and		thwest Conse		
				County LA		Z _{ID} Code
C	Person to Contact:		·		· · · · · · · · · · · · · · · · · · ·	
9	Enter the name, title (if applicable business telephone number of the to contact regarding information cubmitted on this form.			1101 O'Hare, Richa 835 - 5611	ard; Envir	. Cons. Myr.
ā	Jates of Waste Handling:					
	Enter the years that you estimate treatment, storage, or disposal be ended at the site		From (Year) 196	68 To (Year) 19	68	
 F	Waste Type: Choose the option Option I: Select general waste ty	pes and so	ource categories. If			ersons familiar with the
	you do not know the general waste types or encouraged to describe the site in Item I—D			regulations (40 CFR I		ict (nona) Section 300
	Goneral Type of Waste: Place an X in the appropriate boxes. The categories listed overlap Check each applicable category	Source of Place and boxes.	¶Waste: X in the appropriate	listed in the regulation appropriate four-digit the list of hazardous	four-digit number ons under Section number in the bo wastes and codes	to each hazardous wast 3001 of RCRA. Enter th xes provided. A copy of can be obtained by State in which the site
	1. M Organics	1. D Mir	-	ROCATEG.		
-{	2. Inorganics3. Solvents	2. □ Cor 3. □ Tex	nstruction			
	4. D Pesticides	4. D Fen				
	5. D Heavy metals	5. 🗆 Pap	per/Printing			
	6. D Acids		ther Tenning			
	7. D Bases B. D PCBs		n/Steel Foundry emical, General			
	9. D Mixed Municipal Waste	-	ting/Polishing			
	•		itary/Ammunition			
			ctrical Conductors			
		12. 🛭 Tra	nsformers		<u></u>	<u> </u>
			lity Companies			•
•			nitary/Refuse			
		15. D Pho		•		
		16. D Lab	•			
		17. 🗆 Unb	known her (Specify) 🗸 •			
		Petrole	um Retinery			
	Form Approved	Operati	ION S			

Form Approved OMB No. 2000-0138 EPA Form 8800-1

•		a executed a his a	LANGE AND MINDELLE		
. 4.	Fixe on X in the oppropriote boxes to indicate the facility types found at the site.	1. D Piles	eutoic foot		
	"In the "total facility waste amount" cpace	2. D Land Treatment 3. D Landfill	Calons 1,377,600 Total Facility Area		
,	give the estimated combined quantity (volume) of hazardous wastes at the site	4. D Tanks			
•	using cubic feet or gallons.	5. D Impoundment	cquare foot		
	In the "total facility area" space, give the ostimated area size which the facilities	 Underground Injection Drums, Above Ground 	cos Untrown		
	occupy using square feet or ocres.	8. D Drums, Below Ground			
		9. 图 Other (Specify) <u>Unknow</u>	<u>'</u>		
G	Known, Suspected or Likely Releases				
	Place an X in the appropriate boxes to indic or likely releases of wastes to the environm	ete any known, suspected, A Dec V Kaser nent.	□ Known □ Suspected □ Likely □ None		
	Noto: Items Hand I are optional. Completi hazardous waste sites. Although completi	ng these items will assist EPA and State at ng the items is not required, you are encou	nd local governments in locating and assessing uraged to do so.		
H	Sketch Map of Site Location: (Option	nal)			
	Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.				
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		•	•		
•	•				
D	Description of Site: (Optional)				
(.	Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which start help describe the site conditions.	14.6	aste amount shown		
	INIS WAS A COMM	nercial disposer. We	ific amount snown		
	15 contribution fre	om Shell Oil Co. o	aly,		
	•				
	•	·			
	·				
J	Signature and Title:				
	The person or outhorized representative (such as plant managers, superintendents,	Nome T. E. IMMBERARY	<i>,</i>		
	structures or attorneys) of persons required to notify must sign the form and provide a	Biron Sama as A	☐ Owner, Past ☐ Transporter		
	mailing address (if different than address in item A). For other persons providing		□ Operator, Presen		
	notification, the signature is optional.	City State	Zip Code ☐ Operator, Past		
	Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify ther?"	Bignoruro JE Junary.	Bote 6/4/8, Steel		

•	This initial notification informs required by Section 103(c) of the hensive Environmental Responsisation, and Liability Act of 1980 be mailed by June 9, 1981.	e Compre- se, Compen-	Picopo typo or print caditional space, use paper. Indicate the le which applies.	separate sheets of	·		
Ā	Person Required to Notify:		61 11	m' (a	···		
	Enter the name and address of			Oil Company			·
	or organization required to notif	γ.	Stroet P.O. B	OX 6249			
÷	τ		City Carson		Stote CA	Zip Code	90749
8	Site Location:		Name of Site Cher				
	Enter the common name (if kno octual location of the site.	wn) and	Street 1622	4.4	eet		
				24 County LA		Zip Code	
C	Person to Contact:						
	Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.		Name (Last First and Title) O'Hare, Richard; EAVIN. Cons. Myr. Phone (213) 835-5611				
Ĺ	Dates of Waste Handling:	· <u>-</u> .	·				·
	Enter the years that you estimat treatment, storage, or disposal bended at the site		From (Year) 1978	To (Year) 19	80		
E	₩aste Type: Choose the opti	ypes and so	urce categories. If	Option 2: This option			
	you do not know the general waste types or encouraged to describe the site in Item I—D						Section 3001
	Goneral Type of Waste: Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.	Source or Place and boxes.	f Waste: X in the appropriate	Specific Type of Wos EPA has assigned a foliated in the regulation appropriate four-digit the list of hazardous vontacting the EPA Re	our-digit number as under Sectior number in the b vastes and code	a 3001 of R oxes provid s can be ob	CRA. Enter the led. A copy of stained by
<i>(</i> -	1. ☑ Organics	1. 🗆 Mir	ning	located.			
(2. D Inorganics	2. 🗆 Cor	nstruction				
	3. D Solvents	3. 🗆 Tex	· ·				
	4. Pesticides	4. D Fer	1				
	5. D Heavy metals	•	er/Printing				
	6. Acids		ther Tenning				
	7. D Bases		/Steel Foundry	<u> </u>			
	8. D PCBs		emical, General		-	ļ	
	9. D Mixed Municipal Waste		ting/Polishing itary/Ammunition			ļ	
	10. 囯 Unknown 11. □ Other (Specify)		ctrical Conductors	ļ		<u> </u>	
	11. Li Other (Specify)	12. 🗆 Tre				<u> </u>	
		_	ity Companies	•	,		
			nitary/Refuse				
		15. D Pho	- 1				•
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			er (Specify)				
			um Refining				
		Waste					

Form Approved OMB No. 2000-0138 EPA Form GB00-1

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. •	Floce on X in the appropriate boxes to	1. 🗖 Piles	eurbic foot
1	indicate the facility types found at the site.	2. D Land Treatment	Milons 72 240
-	in the 'total facility waste amount" epace give the estimated combined quantity	3. D Landfill 4. D Tanks	Total Facility Area
1	(volume) of hazardous wastes at the site using cubic feet or gallons.	5. D Impoundment	·
	In the "total facility area" epace, give the	6. D Underground Injection	cquara foot
	optimated area size which the facilities	7. Drums, Above Ground	coros Unknown
	occupy using square feet or ocres.	8. D Drums, Below Ground	
		9. 所 Other (Specify) <u> </u>	2
G	or likely releases of wastes to the environm	ate any known, suspected, Dec & kases ent.	☐ Known ☐ Suspected ☐ Likely ☐ None
	Note: Items Hand I are optional. Completing hazardous waste sites. Although completing	ng these items will assist EPA and State an ong the items is not required, you are encou	d local governments in locating and assessing raged to do so.
Н	Shotch Map of Site Location: (Option	al)	
	Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.		
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n	Paradian of Pian (Ontingal)		
0	Description of Site: (Optional)		
_	Describe the history and present conditions of the site. Give directions to		
	the site and describe any nearby wells, springs, takes, or housing. Include such		
	information as how waste was disposed and where the waste came from. Provide		
<i>j</i>	ony other information or comments which		
\$	help describe the site conditions.		
	This was a comm	ercial disposer. Wa	ste amount shown
			•
	is contribution fro	in Shell Oil Co. ou	· 1y .
	Signature and Title:		
٣	The person or puthorized representative	Nome T. E. IMMBERARI,	Manager Downer, Present
	(such as plant managers, superintendents,	- FRANCISCO CONTRACTOR OF THE PARTY OF THE P	D Owner, Present
	trustees or attorneys) of persons required to notify must sign the form and provide a	Stroet Sama as A	D Transporter
	mailing address (if different than address in item A). For other persons providing		Operator, Present
	notification, the signature is optional.	City State	Zip Code
	Check the boxes which best describe the rolationship to the site of the person required to notify. If you are not required	Bignoturo IE Jan nen.	Done (14/8, A Other
	to notify check "Other".	<u>~</u>	

	This initial notification informs required by Section 103(c) of the hensive Environmental Responsection, and Liability Act of 1980 for mailed by June 9, 1981.	e Compre- :e, Compen-	coditional space, us	t in int. If you need se separate sheets of letter of the item		
Д	Person Required to Notify:		@1 . //	a! 1 a		
	Enter the name and address of t	the person	Nome Shell	Oil Compa	иУ	
	or organization required to notif	γ.	Stroet P.O.	Box 6249	م	
	*		_	ท	State CA	607/0
			City Carso	n	State CA	Zip Code 90749
- 3	Site Location:		Name of Size Fire	and Brain		
	Enter the common name (if known actual location of the site.	wn) and				
	detail location of the site.		Street 233	East D S	treet	
			car Wilming	ton county LA	State CA	Zip Code 90 744
C	Person to Contact:					
_	Enter the name, title (if applicable), and		Name (Last, First and Tit	le O'Hare, Ri	chard : Envi	r. Cons. Myr.
	business telephone number of the contact regarding information aubmitted on this form.	he person		835 - 56//		
<u> </u>	Dates of Waste Handling:					
	Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site		From (Year) 196	8 To (Year)	968	
E	Waste Type: Choose the option I: Select general waste t you do not know the general waste to describe the site in	ypes and so ste types or	ource categories. If sources, you are		rvation and Recovery	persons familiar with the Act (RCRA) Section 300
	General Type of Waste: Place an X in the appropriate boxes. The categories listed overlap Check each applicable category.	Source o Place an boxes.	f ₩aste: X in the appropriate	Specific Type of EPA has assigned listed in the regular appropriate four the list of hazard	f Waste: d a four-digit numbe ulations under Sectio digit number in the l fous wastes and code	er to each hazardous was in 3001 of RCRA. Enter t boxes provided. A copy o es can be obtained by he State in which the site
(1. D Mir	ning estruction	<u> </u>		, [
(3. D Solvents	2. 🖸 Cor				
	4. D Pesticides	4. D Fer	· - · ·			1
	5. D Heavy metals		er/Printing			
	6. □ Acids	6. 🗆 Les	ther Tanning			
	7. 🗆 Bases	7. 🛘 Iron	n/Steel Foundry			
	8. D PCBs	8. D Che	emical, General		<u></u>	1
	9. D Mixed Municipal Waste		ting/Polishing			
	10. X Unknown		itary/Ammunition			
	11. Other (Specify)		ctrical Conductors			
		12. 🖸 Tra		1		
			ity Companies	}		
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		18. E. Oth	er (Specify)			

Form Approved OMB No. 2000-0138

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•	Floce on X in the appropriate boxes to	1. 🗆 Piles	cubic foot					
	indicate the facility types found at the site.	2. D Land Trestment	cations 12 600					
-	In the "total facility waste amount" epace give the estimated combined quantity	3. □ Landfill 4. □ Tanks						
4	(volume) of hazardous wastes at the Bite using cubic feet or gallons.	5. D Impoundment	Total Facility Area					
	In the "total facility area" space, give the	6. Underground Injection	cquoro foot					
	optimated area size which the facilities	7. D Drums, Above Ground	coros Unknown					
	eccupy using square feet or ocres.	8. Drums, Below Ground						
		9. 與 Other (Specify) <u>Unkno</u>	<i>V1</i> 7					
G	Known, Suspected or Likely Releases							
	Place on X in the appropriate boxes to indicate any known, suspected, Place & troop Known Suspected Likely None or likely roleases of wastes to the environment.							
	Note: Items Hand I are optional. Completing hozardous waste sites. Although completing	ng these items will assist EPA and State ng the items is not required, you are end	and local governments in locating and assessin couraged to do so.					
H	Shotch Map of Site Location: (Option	nal)						
	Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.	·						
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0	Description of Site: (Optional)							
	Describe the history and present conditions of the site. Give directions to	•	• •					
	the site and describe any nearby wells,							
	oprings, lakes, or housing. Include such information as how waste was disposed							
	and where the waste came from. Provide							
(fony other information or comments which may holp describe the site conditions.							
`		. / /	laste amount shown					
	inis was a comm	ercial disposer. W	ASIE AMBUAL SOUWA					
	is contribution fra	in Shell Oil Co.	only.					
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<u> </u>	Cimpotum and Title.	de st la company of the state o						
A	Signaturo and Title: The person or authorized representative	Nome T. E. TMARCRAZI	Managar					
	(such as plant managers, superintendents,	Nome T.E. IMMBERARI						
	trustees or attorneys) of persons required to notify must sign the form and provide a	Biron Sama as A	☐ Owner, Past ☐ Transporter					
	mailing address (if different than address		D Operator, Presen					
	in item A). For other persons providing notification, the signature is optional.	City State	Zip Code D Operator, Past					
	Check the boxes which best describe the rolationship to the site of the person	Tr O	. Box 6/4/8, A Other					
	required to notify. If you are not required to notify check "Other".	Signaturo IC Omnary	Dote 14/1/					

-	This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.	Ficace type or grint coditional space, use paper. Indicate the la which applies.	separate sheets of		
Δ-	Person Required to Notify:	C1 11	m' / a		
	Enter the name and address of the person		Oil Company		
	or organization required to notify.	Stroet P.O. B	Ox 6249		
	·	city Carson		Stote CA	Zip Code 90749
3	Site Location:	2			
	Enter the common name (if known) and actual location of the site.		by and Over		
			ch County LA		Zip Code 90813
C	Person to Contact:	si song pea	211 00111111 271		21p Code 70 8 7 5
	Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.		O'Hare, Richar 835-5611	d; Envir	· Cons. Myr.
ĺ	Dates of Waste Handling:		· · · · · · · · · · · · · · · · · · ·		
_	Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site	From(Year) 1976	To (Year) 1977		
E	Waste Type: Choose the option you pre Option I: Select general waste types and so you do not know the general waste types or encouraged to describe the site in Item I—D	ource categories. If sources, you are		and Recovery	ersons familiar with the Act (RCRA) Section 300
	General Type of Weste: Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category. Source of Place an X place an	f Woste: X in the appropriate	listed in the regulation appropriate four-digit in the list of hazardous w	ur-digit number s under Section number in the brastes and code:	to each hazardous wast 3001 of RCRA. Enter thoxes provided. A copy of scan be obtained by State in which the site
e.	1. 口 Mir	-	eccated.		
(2. ☐ Inorganics 2. ☐ Cor 3. ☐ Solvents 3. ☐ Tex	nstruction tiles			
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	Petrole	er (Specify),			
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Form Approved OMB No. 2000-0138 EPA Form DB00-1

		A TO LAND A R. Marco	A CONSTRUCTOR AND				
٠.	Place on X in the appropriate boxes to indicate the facility types found at the site.	1. D Piles	cubic foot				
•.	'In the "total facility waste amount" epace	2. D Land Treatment 3. D Landfill	Callions 63 420				
_	give the estimated combined quantity (volume) of hazardous wastes at the site	4. D Tanks	Total Facility Area				
	using cubic feet or gallons.	5. Impoundment	cquare foet				
	In the "total facility area" space, give the ostimated area size which the facilities occupy using square feet or ocres.	6. D Underground Injection 7. D Drums, Above Ground	cores Unknown				
		8. Drums, Below Ground	CORP. MANAGEMENT OF THE PROPERTY OF THE PROPER				
		9. 国 Other (Specify) <u>Unknown</u>	<u> </u>				
G	Known, Suspected or Likely Releases	to the Environment:					
	Place on X in the appropriate boxes to indicate any known, suspected, \$\overline{BDo} \notation \text{Leges} \overline{\text{C}} Known \overline{\text{D}} Suspected \overline{\text{Likely}} \overline{\text{Nown}} None or likely releases of wastes to the environment.						
	Note: Items Hand I are optional. Completing hazardous waste sites. Although completing	ng these items will assist EPA and State aing the items is not required, you are enco	nd local governments in locating and assessing uraged to do so.				
H	Shotch Map of Site Location: (Option	nal)					
	Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.						
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Ŋ	Description of Site: (Optional)	·					
	Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.						
/	The	1 1 1	aste amount shown				
	This was a commission from	on Shell Oil Co. o	nly				
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J	Signaturo and Title:						
	The person or outhorized representative	Nome T. E. JMHOCRAZI,	Manager D Owner, Present				
	(such as plant managers, superintendents, sustees or attorneys) of persons required	Stroet Same as A	Owner, Past				
	to notify must sign the form and provide a mailing address (if different than address	Silver Dig PN CE Q 5 /7	☐ Transporter☐ Operator, Presen				
	in item A). For other persons providing notification, the signature is optional.	City State	Zip Code Doperator, Past				
	Check the boxes which best describe the rolationship to the site of the person required to notify. If you are not required	Bignoturo IE Don any	Dote 6/4/8, A Other				
	to notify chock "Other".	V V	·				

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Figure type or potent in ink. If you need colditional space, use separate sheets of poper. Indicate the letter of the item which applies.

Person Required to Notify: Enter the name and address of the person or organization required to notify. Sitol Location: Enter the common name (if known) and octual location of the site. Person to Contact: Enter the name, title (if applicable), and business telephone number of the person to contact regarding information pubmitted on this form. Dates of Waste Handling: Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site. Waste Type: Choose the option you prefer to complete Jption I: Select general waste types and source categories, lif you do not know the general waste types or sources, you are concouraged to describe the site in Item I—Description of Site. Generol Type of Waste: Place an X in the appropriate boxes. The categories listed overlap Check each applicable category. 1. Morganics 1. Morganics 2. Morganics 2. Construction 3. D Solvents 3. D Textiles 4. D Pesticides 4. D Person to County Sitole Company Store ASCON Landfill Mome of Site ASCON Landfill Sitole Company Store Carson Mome of Site ASCON Landfill Sitole County LA Store County LA Store County LA Store County Waste City Willing to n County LA Store County Mame (Last, First and Tate) O'Hare, Richard; Enter County Phone [2/3] 935 = 561/ Mame (Last, First and Tate) O'Hare, Richard; Enter County Phone [2/3] 935 = 561/ Mame (Last, First and Tate) O'Hare, Richard; Enter County Phone [2/3] 935 = 561/ Mome of Site County LA Store County LA Store County La	CA Zip Code
Enter the common name (if known) and octual location of the site. Name of Sine Ascon Landfill	CA Zip Code
Enter the name, title (if applicable), and business telephone number of the person to contact regarding information cubmitted on this form. Dates of Waste Handling: Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site. Waste Type: Choose the option you prefer to complete Jiption I: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site. General Type of Waste: Place an X in the appropriate boxes. The categories listed overlap Check each applicable category. 1. Organics 1. Mining 2. Inorganics 3. Solvents 4. Pesticides 5. Paper/Printing	hur. Cons. Myr.
Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site. Waste Type: Choose the option you prefer to complete Jetion I: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site. General Type of Waste: Place an X in the appropriate boxes. The categories listed overlap Check each applicable category. 1. Organics 1. Omining 2. Inorganics 3. Organics 3. Organics 4. Organics 4. Organics 5. Organics 5. Organics 5. Organics 6. Organics 7. Horizonics 7. Horizonics 8. Organics 9.	
Jption I: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I—Description of Site. Option 2: This option is available Resource Conservation and Recordence regulations (40 CFR Part 261). General Type of Waste: Place an X in the appropriate boxes. The categories listed overlap Check each applicable category. Source of Waste: EPA has assigned a four-digit number in the list of hazardous wastes and contacting the EPA Region serving located. 1. ☐ Organics 1. ☐ Mining 2. ☐ Inorganics 2. ☐ Construction 3. ☐ Solvents 3. ☐ Textiles 4. ☐ Pesticides 4. ☐ Fertilizer 5. ☐ Paper/Printing	
6. □ Leatner Tanning 7. □ Bases 7. □ Iron/Steel Foundry 8. □ PCBs 9. □ Mixed Municipal Waste 9. □ Plating/Polishing 10. □ Unknown 11. □ Other (Specify) 11. □ Electrical Conductors 12. □ Transformers 13. □ Utility Companies 14. □ Sanitary/Refuse 15. □ Photofinish 16. □ Leb/Hospital 17. □ Unknown 18. 昼 Other (Specify) ,	umber to each hazardous waste Section 3001 of RCRA. Enter the the boxes provided. A copy of dicodes can be obtained by

Form Approved OMB No. 2000-0138

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F	Waste Quantity: Fice an X in the appropriate bases to	Foethly Typo 1. D Pilos	Total Service Wasto Amount
. • •	indicate the facility types found at the site.	1. Li Piles 2. Di Lind Trestment	cubic foet
	In the "total facility waste amount" epace give the estimated combined quantity	3. D Landfill	©illons 79 800
,	(volume) of hazardous wastes at the site using cubic feet or gallons.	4. 🗆 Tonks	Total Facility Area
•		5. D Impoundment 6. D Underground Injection	cquora foot
	In the "total facility area" space, give the ostimated area size which the facilities	7. D Drums, Above Ground	coros Unknown
	occupy using square feet or acres.	8. Drums, Below Ground	
		9. 好 Other (Specify) <u>Unknewn</u>	
G	Known, Suspected or Likely Releases t		
	Place an X in the appropriate boxes to indicate in the property of the environments of	te any known, suspected. △ Pao Y & copy □ nt.	Known D Suspected D Likely D None
	Noto: Items Hand I are optional. Completing hazardous waste sites. Although completing	these items will assist EPA and State and the items is not required, you are encoura	local governments in locating and assessing ged to do so.
H	Sketch Map of Site Location: (Optiona	1)	
	Sketch a map showing streets, highways, routes or other prominent landmarks near		
-	the site. Place an X on the map to indicate	•	
	the site location. Draw an arrow showing the direction north. You may substitute a		
	publishing map showing the site location.	·	
r.			
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0	Description of Site: (Optional)		
	Describe the history and present conditions of the site. Give directions to		
	the site and describe any nearby wells, oprings, lakes, or housing. Include such		
	information as how waste was disposed		
1	and where the waste came from. Provide any other information or comments which		·
(may help describe the site conditions.		'
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J	Signature and Title:	•	
	The person or authorized representative (such as plant managers, superintendents,	dome T.E. INNOCEHEL, M	Grager D Owner, Present
	Stustees or ottorneys) of persons required	Broom Sama as A	Owner, Past
	mailing address (if different than address	7	☐ Transporter ☐ Operator, Present
	reparticulation, the dignature is optional.	Stote Stote	Zip Code Derator, Present
	Check the boxes which best describe the rolationship to the site of the person	$\mathcal{I}_{\mathcal{F}}(\cdot)$	Done 6/4 /8, A Other
	required to notify. If you are not required to notify check "Other".	signoturo / Common of the signoture / Common of the signoture / Common of the signoture of	Dote 101

	This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.	Picaca type or print coditional space, use paper. Indicate the le which applies.	Becarate sheets of	·	
Ā	Person Required to Notify:	Name Shell	Oil Company		
	Enter the name and address of the person or organization required to notify.	Stroet P.O. B	• ,		
	e	City Carson		State CA	Zip Code 90749
8	Site Location: Enter the common name (if known) and actual location of the site.	Nome of Site Palus Stroet 26 30/ City Palps Vera			Zip Code
C	Person to Contact:				
صا	Enter the name, title (if applicable), and	Name (Last, First and Title)	O'Hare, Richa	nd; EAVIN	Cons. Myr.
	business telephone number of the person to contact regarding information submitted on this form.	Phone (2/3)	835-5611	-	
	Dates of Waste Handling:		· · · · · · · · · · · · · · · · · · ·		
	Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site	From (Year) 1967	7 To (Year) 1980	0	· · · · · · · · · · · · · · · · · · ·
	*Waste to Palo	s Verdes La.	udfills No. 1. N	b. S. and	Acid Pit
E	Waste Type: Choose the option you pre				
	Option I: Select general waste types and so you do not know the general waste types or encouraged to describe the site in Item I—D	sources, you are		n and Recovery	ersons familiar with the Act (RCRA) Section 300
	General Type of Waste: Place an X in the appropriate boxes. The categories listed boxes. Overlap Check each applicable category.	f ₩aste: X in the appropriate	listed in the regulation appropriate four-digit the list of hazardous ventacting the EPA Re	our-digit number ns under Section number in the bo vastes and codes	to each hazardous wasi 3001 of RCRA. Enter the exes provided. A copy of scan be obtained by State in which the site
r	1. ► Organics 1. □ Mir 2. ☐ Inorganics 2. □ Cor	ning nstruction	located.		
(3. E Solvents 3. D Tex				
	4. D Pesticides 4. D Ferr	1			
		er/Printing			
		ther Tanning			
		/Steel Foundry			
		emical, General			
		ting/Polishing.			
		itery/Ammunition			
	* *	ctrical Conductors			
		1			
		ity Companies			
		nitary/Refuse			
	15. □ Pho				
	96. 🗖 Leb	/Hospital			

17. 🗆 Unknown

Operations

18. 19 Other (Specify)
Petroleum Refining

Form Approved OMB No. 2000-0138 EPA Form 0000-1

15	CACATO LIMANTITY:	CONTA I ABO	Total Wasto Amount				
. :	Picce on X in the oppropriote boxes to indicate the facility types found at the site.	1. D Piles	cubic foot				
	In the "total facility waste amount" caece	2. D Land Treatment 3. D Landfill	collons 12, 471, 415				
_	give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.	4. D Tanks	Total Facility Aras				
•		5. D Impoundment	cquoro foet				
	In the "total facility area" space, give the ostimated area size which the facilities	 D Underground Injection D Drums, Above Ground 	coros Unknown				
	occupy using square feet or ocres.	8. D Drums, Below Ground					
		9. 图 Other (Specify) <u>Unknow</u>	(1)				
G	Unown, Suspected or Littely Releases						
	Place an X in the appropriate boxes to indicate any known, suspected, 图 Dan 省 在 Day I Known I Suspected I Likely I None or titlely releases of wastes to the environment.						
	Mote: Items Hand I are optional. Completing hazardous waste sites. Although completing	ng these items will assist EPA and Stating the items is not required, you are er	te and local governments in locating and assessing noouraged to do so.				
K	Sketch Map of Site Location: (Option	nal)					
	Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.						
:							
Ŧ,							
0	Description of Site: (Optional)						
ĵø.	Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, oprings, takes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.						
-		• / / .	AP. 7 4 1.				
	INIS WAS A COMM	ercial disposer. V	Naste amount shown				
	is contribution fro	m Shell Oil Co.	only.				
-							
	·						
ଥି	Signature and Title:		·				
	The person or puthorized representative (puch as plant managers, superintendents,	Nome T.E. JHADERARI	Magger Owner, Présent				
	trustees or attorneys) of persons required to notify must sign the form and provide a	Broom SGME QS A	□ Owner, Past				
	mailing address (if different than address	THE WAY	☐ Transporter☐ Operator, Present				
	in item A). For other persons providing solitication, the signature is optional.	<u>City</u> <u>State</u>	D Operator, Past				
	Check the boxes which best describe the rolationship to the cite of the person	11- Omnen	6/4/8, A Other				
	required to notify. If you are not required	Bignoturo	Pote 0/				

,	This initial notification information is required by Section 103(c) of the Comhensive Environmental Response, Consistion, and Liability Act of 1980 and note mailed by June 9, 1981.	pre- odditional space, use npen- poper. Indicate the le	ocparate sheets of		
Д	Person Required to Notify:	Nome Shell	Oil Company	·	
	Enter the name and address of the particle of criganization required to notify.	Street P.O. B	• /		
	r	city Carson		State CA	Zip Code 90749
8	Site Location:		2 2 / /		
	Enter the common name (if known) an	nd Romo of Site Basin	By-Products		
	octual location of the site.	Stroet 930 L	AWYENCE AVEN	4 P	
		Ciry Wilming To	1 County LA	Stote CA	Zip Code
C	Person to Contact:	A1 41	AU D'I	1 -	<i>A A A</i>
	Enter the name, title (if applicable), an		O'Hare, Richard	1 5 BAIL	. Cons. Myr.
	business telephone number of the per- to contact regarding information Bubmitted on this form.	Phone (2/3)	835-561/	<u> </u>	
<u> </u>	Dates of Waste Handling:				
Ţ,	Enter the years that you estimate wast treatment, storage, or disposal began a ended at the site.		То (Yeвг) 197	3	
E	₩aste Type: Choose the option yo	u prefer to complete	· · · · · · · · · · · · · · · · · · ·		
	Option I: Select general waste types a you do not know the general waste typencouraged to describe the site in Item	es or sources, you are	Option 2: This option is Resource Conservation a regulations (40 CFR Part	and Recovery A	ersons familiar with the Act (RCRA) Section 300
		rce of Waste: e an X in the appropriate es.	Specific Type of Waste EPA has assigned a four listed in the regulations appropriate four-digit nut the list of hazardous was contacting the EPA Registrated.	r-digit number under Section imber in the bo stes and codes	3001 of RCRA. Enter to exes provided. A copy contained by
	1. 国 Organics 1. [⊃ Mining	incateu.		
1		☐ Construction			
1] Textiles			
		D Fertilizer			
	-	D Paper/Printing D Leather Tanning			
		I Iron/Steel Foundry			
		Chemical, General			
		D Plating/Polishing			
	·	3 Military/Ammunition	 -		
		D Electrical Conductors			
	The state of the s	Transformers	<u> </u>		L
	13.0	Utility Companies			
	14. 0	3 Sanitary/Refuse			
	15. [2 Photofinish			•
		D Leb/Hospital			•
	9 7 . [] Unknown			

18. 图 Other (Specify) Petroleum Retruing

Operations

Form Approved OMB No. 2000-0138 EPA Form 0000-1

	• • •	A. LI LENG HOSINIGHI			
	In the "total facility woste amount" casce	3. D Londfill	Ellons	116, 980	
•	give the estimated combined quantity (volume) of hazardous wastes at the site	4. D Tonks	Total F	Colliny Aron	
•	esing cubic feet or gallons.	5. D Impoundment	caupre fo	•	
÷	In the "total facility area" coace, give the	6. Underground Injection		11 (
	octimated area size which the facilities eccupy using equare feet or acres.	7. D Drums, Above Ground 8. D Drums, Below Ground	COTOS	Unknown	
	Caraly Caraly Control of the Caraly Caraly	8. A Other (Specify) Linknown		· · · · · · · · · · · · · · · · · · ·	
G	Known, Suspected or Likely Releases	to the Environment:			
	Place an X in the appropriate boxes to indic or likely releases of wastes to the environm	sate any known, suspected. <i>日 Deo</i> そ といい ent.] Known	☐ Suspected ☐ Likely ☐	Non
	Moto: Items Hand I are optional. Completin hazardous waste sites. Although completing				essii
K	Shetch Map of Site Location: (Option	nal)			
	Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.			·	
(
,			<u>. </u>		
Ď	Description of Site: (Optional)				
	Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, oprings, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.				
1	This was a comm	ercial disposer. Wa	ste i	amount shown	7
(_	is east ibston	ercial disposer. Was	1		
	13 CONCITORITION TIB	on onell oil co. on	9.		
U	Rigardura and Tidle.				
d)	Signaturo and Title: The person or authorized representative	Nome T. E. IMABERARI, F	16000	PF Down	or•
	(such as plant managers, superintendents,		I and go	Owner, Prese	
	trustees or attorneys) of persons required to notify must sign the form and provide a	Broom Sama as A		☐ Transporter	
	mailing oddress (if different than oddress in item A). For other persons providing	Sin.	V:- 6-4	Operator, Pre	
	notification, the signature is optional. Check the boxes which best describe the	City State	Zip Code	Operator, Pas	st
	rolationship to the site of the person required to notify. If you are not required to notify check "Other".	Bignoturo IE Som venz.	Dote	ly lg, A Other	

PULL

Motification of Mazardous Waste Site

United States
Environmental Protection
Agency
Washington DC 20460

•	This initial notification information required by Section 103(c) of the Chensive Environmental Response, sation, and Liability Act of 1980 at the mailed by June 9, 1981.	Compre- Compen-	Modes type or print additional space, use paper. Indicate the lawhich applies.	separate sheets of		
Ā	Person Required to Notify:		51 //	m' 1 C		
	Enter the name and address of the or organization required to notify.	person		Oil Company 0x 6249		
	•		en Carson		Store CA	Zip Code 90749
8	Site Location:		RV	V A		
	Enter the common name (if known)) and	Name of Site BKK Company			
	Octual location of the site		Street 22/	0 S. Azusa		
			civ West Cavin	a County LA	State CA	Zip Code
C	Person to Contact:		Name II ari First and Tale	(1) P / /		
	Enter the name, title (if applicable), business telephone number of the		_	OHAre, Richard	5 FAYIR C	ons. Mgr
	to contact regarding information submitted on this form.		Phone (213) 8	35-5611		
/ D)	Dates of Waste Handling:					
	Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site. From (Year) 1964 To (Year) 1980					
	Waste Type: Choose the option Option I: Select general waste type you do not know the general waste encouraged to describe the site in I	s and so types or	urce categories. If sources, you are	Option 2: This option Resource Conservatio regulations (40 CFR P	n and Recovery A	ersons familiar with the Act (RCRA) Section 3001
•	Place an X in the appropriate F	Source of Place an X Poxes.	f Waste: (in the appropriate	listed in the regulation appropriate four-digit the list of hazardous ventacting the EPA Re	our-digit number as under Section number in the books vastes and codes	to each hazardous waste a 3001 of RCRA. Enter th oxes provided. A copy of s can be obtained by a State in which the site
(1. 🗀 Min	ing	located.		•
1	— • • • • • • • • • • • • • • • • • • •		struction			
	- / -	3. □ Tex				
		€. D Feri				
		-	er/Printing ther Tanning			
	-		/Steel Foundry		<u> </u>	
			mical, General			
			ing/Polishing			
			tary/Ammunition			
			trical Conductors	 		
	-		nsformers	L		<u> </u>
	83	3. 🗆 Utili	ty Companies			•
			itery/Refuse			
		5. D Pho				

16. □ Leb/Hospital
17. □ Unknown
18. □ Other (Specify)
Petroleum Refinery

Form Approved OMB No. 2000-0138 EPA Form 8900-1

			FILE
F .	Wasta Quantity:	Fooliky Typo	Total Emily Wasto Amount
•	Place an X in the appropriate boxes to indicate the facility types found at the site.	1. D Piles	cubic foot
	In the "total facility waste amount" space	2. D Land Treatment 3. D Landfill	Bollons 5, 115, 674
	give the estimated combined quantity	4. D Tanks	Total Facility Area
	(volume) of hazardous wastes at the site using cubic feet or gallons.	5. D Impoundment	cance fost
	In the "total facility area" space, give the	6. D Underground Injection	<u> </u>
	estimated area size which the facilities occupy using square feet or acres.	7. D Drums, Above Ground 8. D Drums, Below Ground	cores Unknown
	boomp, many oquation to the same	9. 压 Other (Specify) <u>Maknama</u>	
	M. C.		
G	Known, Suspected or Likely Releases Place an X in the appropriate boxes to indicate the littery releases of wastes to the environment.	ite any known, suspected, II Don & Enong I	□ Known □ Suspected □ Likely □ None
	Note: Items Hand I are optional. Completing hozardous waste sites. Although completing	g these items will assist EPA and State and	I local governments in locating and assessing
e n	·		
H	Sketch Map of Site Location: (Options Sketch a map showing streets, highways,	ar) ·	
	routes or other prominent landmarks near		
	the site. Place an X on the map to indicate the site location. Draw an arrow showing		
	the direction north. You may substitute a publishing map showing the site location.		
	publishing map showing the are loss to		
(
			•
			·
U	Description of Site: (Optional)		
•	Describe the history and present		
	conditions of the site. Give directions to the site and describe any nearby wells,		
	springs, lakes, or housing. Include such		
	information as how waste was disposed and where the waste came from. Provide		1
1	ony other information or comments which		•
1	ney help describe the site conditions.		
	This was a comme	ercial disposer. Wasi	te amount shown
			The supplies of the supplies o
	is contribution from	Shell Oil Co. only	
			·
		•	•
			,
	•		
<u>J</u>	Signature and Title:		
	The person or authorized representative	Nome T. E. Innocenzi, M	Guager D Owner, Present
	(such as plant managers, superintendents, frustees or attorneys) of persons required		☐ Owner, Past
	to notify must sign the form and provide a mailing address (if different than address	BITOBI Same 45 A	D Transporter
	in item A). For other persons providing	City State	D Operator, Present
	notification, the signature is optional. Check the boxes which best describe the	(- C	U Operator, rast
	relationship to the site of the person	Bignaturo / E () and one.	Dote 6/4/8, A Other
	required to notify. If you are not required to notify check "Other"	organization of the state of th	Pore

United States Environmental Protect Agancy Weshington DC 2046

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Places type or print in ink. If you need additional space, use separate sheets of

A	Person Required to Notify: Enter the name and address of the person or organization required to notify.		N 54011 /	Dil Campani					
			Nome Shell Oil Company Stroet P.O. Box 6249						
			city Carson		State CA	Zip Code 90749			
<u> </u>	Site Location:		010						
	Enter the common name (if known) and octual location of the site.			Nome of Site California Salvage Street P.O. Box 1265					
			cm Wilming to	on County LA	State CA	Zip Code			
C	Person to Contact:			. (
	Enter the name, title (if applicate business telephone number of to contact regarding information submitted on this form.	he person	Phone (213) 8	OHAre, Richard	EAVIR.C	ans. Mgr			
ø	Dates of Waste Handling:								
	Enter the years that you estimate treatment, storage, or disposal bended at the site.		From (Year) 196	8 To (Year) / 9	76.				
000	₩aste Type: Choose the option you prefer to complete								
	Option I: Select general waste types and so you do not know the general waste types or encouraged to describe the site in Item I—D		sources, you are	Option 2: This option Resource Conservation regulations (40 CFR f	on and Recovery	persons familiar with Act (RCRA) Section 3			
	General Type of Waste: Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.	Source of Place and boxes.	of Waste: X in the appropriate	Specific Type of Wa EPA has assigned a flisted in the regulatio appropriate four-digit the list of hazardous contacting the EPA R located.	our-digit number ins under Section number in the b wastes and code	n 3001 of RCRA. Ente exes provided. A cop es can be obtained by			
	1. 因 Organics 2. 如 Inorganics 3. □ Solvents 4. □ Pesticides 5. □ Heavy metals 6. 對 Acids 7. 對 Bases 8. □ PCBs 9. □ Mixed Municipal Waste 10. 蛋 Unknown 11. □ Other (Specify)	3. □ Te; 4. □ Fe; 5. □ Po; 6. □ Le; 7. □ Iro; 8. 囯 Ch; 9. □ Pls	nstruction ctiles						
		insformers lity Companies nitery/Refuse ntofinish							

16. D Lab/Hospital 17. D Unknown

Opentions

18 Pr Other (Specify). Petroleum Refining

Form Approved OMB No. 2000-0138 EPA Form 8900-1

σ~	macora emaner.	Cooming a Albo	Total Carow Amount
`:	Place an X in the appropriate boxes to indicate the facility types found at the cite.	1. D Piles	cubic foot
,	In the "total facility waste amount" space	2. D Land Trastment 3. D Landfill	phons 869 498
	give the estimated combined quantity (volume) of hazardous wastes at the site	4. 🗆 Tanks	Total Facility Area
•	using cubic feet or gallons.	5. Impoundment	cquara fost
	In the "total facility area" space, give the	 Underground Injection Drums, Above Ground 	
	estimated area size which the facilities occupy using square feet or acres.	8. Drums, Below Ground	cores Unknown
	•	9. 国 Other (Specify) Unknawn	
G	Known, Suspected or Likely Releases	to the Environment:	
•	Place an X in the appropriate boxes to indicate the service of likely releases of wastes to the environment	ate any known, suspected A Da't Luc.	✓ □ Known □ Suspected □ Likely □ N
	Note: Items Hand I are optional. Completin	g these items will assist EPA and State a g the items is not required, you are enco	and local governments in locating and assemburaged to do so.
H	Sketch Map of Site Location: (Option	al)	
	Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.		
			·
0	Description of Site: (Optional)		
	Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.		
	This was a same	main of discourse below	et a to the second
٠	is contribution from	ercial disposer. Wa Shell Oil Co. only	sie amouni shewn
		•	
J	Signature and Title:	T T Tunner	M
	touch as plant managers, superintendents,	Nome T. E. IHNOCEAZI, I	
	Brustees or attorneys) of persons required to notify must sign the form and provide a	BITOM Same 45 A	Owner, Past Transporter
	mailing address (if different than address		☐ Operator, Pre
	in item A). For other persons providing motification, the signature is optional.	City State	Zip Code Derator, Pa
	Check the boxes which best describe the relationship to the site of the person	15	6/4/PD DECOther
	required to notify. If you are not required	Bignoturo Coman.	Dato

Notification of Hazardous Waste Site

United States Environmental Protection Agency Washington DC 20460

	'This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.	
A	Person Required to Notify:	Name Shell Oil Company
	Enter the name and address of the person or organization required to notify.	Street P.O. Box 6249
		City Carson State CA Zip Code 90749
8	Site Location: Enter the common name (if known) and	Name of Site LA County Calabasus Landfill
	actual location of the site.	Street 26919 Ventura Blyd
		City Agoura County LA State CA Zip Code 91301
C	Person to Contact:	Name than Firm and Tirlat City
	Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.	Phone (213) 835-5611
-{		
Ö	Dates of Waste Handling:	•
	Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site.	From (Year) 1971 To (Year) 1976
<u> </u>	₩aste Type: Choose the option you pre	efer to complete
	Option I: Select general waste types and so you do not know the general waste types or encouraged to describe the site in Item I—D	sources, you are Resource Conservation and Recovery Act (RCRA) Section 3001
	General Type of Waste: Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category. Source of Place an boxes.	X in the appropriate EPA has assigned a four-digit number to each hazardous waste listed in the regulations under Section 3001 of RCRA. Enter the appropriate four-digit number in the boxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site is
(3. □ Solvents 4. □ Pesticides 4. □ Fer 5. □ Heavy metals 6. □ Acids 7. □ Bases 7. □ Iror 8. □ PCBs 9. □ Mixed Municipal Waste 10. □ Unknown 11. □ Other (Specify) 11. □ Electrical Solutions 12. □ Tre	nstruction titiles tilizer per/Printing pther Tanning n/Steel Foundry semical, General ting/Polishing itary/Ammunition ctrical Conductors
	14. 🗆 Ser 15. 🗆 Pho 16. 🗆 Leb	,

17. D Unknown

18 B. Other (Specify).
Petroleum Refining
Operations

Form Approved OMB No. 2000-0138

EPA Form 8900-1

	· ·		- Killer		
F	Waste Quantity:	Focility Type	Total Franky Was	nte Amount	
	.* Place an X in the appropriate boxes to indicate the facility types found at the site.	1. D Piles 2. D Land Treatment	cubic foot		
ı	In the "total facility waste amount" space	3. D Landfill	gollons 117 757		
	give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons.	4. 🖸 Tanks	Total Facility Area	a	
		5. Impoundment	cquare foet		
	In the "total facility area" space, give the estimated area size which the facilities	 6. □ Underground Injection 7. □ Drums, Above Ground 	cores Unknou		
	occupy using square feet or acres.	8. Drums, Below Ground	See Diakasa	<i>II</i>	
		9. 5 Other (Specify) Unknown			
G	Known, Suspected or Likely Releases				
	Place an X in the appropriate boxes to indica or likely releases of wastes to the environme	ate any known, suspected,@DecY kaou [Known 🗅 Suspec	cted D Likely D None	
	Note: Items Hand I are optional. Completing hazardous waste sites. Although completing	g these items will assist EPA and State and g the items is not required, you are encoura	local governments i ged to do so.	n locating and assessing	
KI	Sketch Map of Site Location: (Options	al)		· · · · · · · · · · · · · · · · · · ·	
	Sketch a map showing streets, highways, routes or other prominent landmarks near	·			
	the site. Place an X on the map to indicate				
	the site location. Draw an arrow showing the direction north. You may substitute a				
	publishing map showing the site location.				
(
				•	
-					
0	Description of Site: (Optional)				
	Describe the history and present conditions of the site. Give directions to	•			
	the site and describe any nearby wells, springs, lakes, or housing. Include such				
	information as how waste was disposed and where the waste came from. Provide				
1	my other information or comments which		٠	•	
1	ney help describe the site conditions.				
	This was a camus	ercial disposer. Wast	e amount	Shawn	
	- I 1 + : C		- amount		
	is contribution from	Shell Oil Co. only			
	·				
<u></u>	Signature and Title:				
9	_	Nome T.E. Innocenzi, Ma	налек	S. O. versa. Brancot	
	frustees or attorneys) of persons required			Owner, PresentOwner, Past	
	to notify must sign the form and provide a mailing address (if different than address	Street Sque 45 A		. Transporter	
	in item A). For other persons providing	City State	Zip Code	D Operator, Present	
	Check the boxes which best describe the	150		☐ Operator, Past ②	
	required to mothly in you are not required.	Signoturo / Som	Done 6/4/8,	e en	
	to notify check "Other".	•			

Agency		
₩oshington	DC	2046

9	*This initial notification information in the following initial notification information in the following information in the following in t	e Compre- e, Compen-	Codition	type or print nel spece, use Indicate the lo applies.	sopa	rate she	ets of				•
Ā	Person Required to Notify:			<u> </u>	<u> </u>		··			·	· · · · · · · · · · · · · · · · · · ·
	Enter the name and address of the person		Nome	Shell C		-		 			
	or organization required to notify	γ.	Stroet	7.0. BC) X_	624	<i>tg</i>			 -	 -
	• .		Crty	Carson				State	CA	Zip Code	90749
<u> </u>	Site Location:			n t				C.(1			
	Enter the common name (if known) and		Name of	Site Nu-	VV	<u> </u>	and	+:11			
	octual location of the site.		Street	400	Lis	1e 0	ak				·
			City I	windal	Æ	County	LA	State	CA	Zip Code	·
C	Person to Contact:										
	Enter the name, title (if applicable business telephone number of the to contact regarding information submitted on this form.	ne person		15t. First and Title		-		rd; E	hvir.C	ons. M	gr
;	Dates of Waste Handling:										
	Enter the years that you estimate treatment, storage, or disposal bended at the site.		From (Yes	or) 1980	1	To (Year)		80			
<u> </u>	Waste Type: Choose the option you pre Option I: Select general waste types and so you do not know the general waste types or encouraged to describe the site in Item I—D General Type of Waste: Source o Place an X in the appropriate Place an		ource cat sources escriptio	egories. If , you are n of Site.	Re re Si	esource gulation pecific TPA has a	Conserva s (40 CF) Type of V assigned	ation and i R Part 26° Vorte: a four-dig	Recovery (Act (RCR	amiliar with a A) Section 3 hazardous w
	boxes. The categories listed overlap. Check each applicable category.	boxes.			th co	propriate list of	e four-di hazardo:	git numbe us wastes	r in the b and code	oxes proves can be	RCRA. Enterided. A coptoble of the coptoble of the coptoble of the second control of the second coptoble of the se
	1. D Organics	1. D Mir	_	_	_			<u></u>			•
	2. 其 Inorganics 3. □ Solvents	2. 🗆 Cor 3. 🗆 Tex		п	-	<u>.</u>		<u> </u>			
	4. D Pesticides	4. □ Fer			-						
	5. D Heavy metals	5. 🗆 Pap	er/Print	ing	-						
	6. D Acids	6. 🗆 Les	ther Tan	ning		,					
	7. D Bases	7. 🗆 Iron		=						-	
	8. □ PCBs	8. D Cha									
	9. Mixed Municipal Waste	9. D Pla	-	_							
	10. Unknown	10. D Mil	-							_	
	11. Dother (Specify)	11. D Electrical Section 12. D Tro			L			L		╵	
		13. D Util									•
		14. D Ser	-		1						
		15. D Pho	•								-
		16: D Lab		al .							
		17. D Uni	-								
		18. EX Oth		ify)_							
		Petroley	m Re								
	-	Operat		J							
	Form Approved	7									

Form Approved OMB No. 2000-0138 EPA Form 0800-1

- u	Place an X in the appropriate boxes to indicate the facility types found at the site. It? The "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons. In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.	1. D Piles 2. D Land Treatment 3. D Landfill 4. D Tanks 5. D Impoundment 6. D Underground Injection 7. D Drums, Above Ground 8. D Drums, Below Ground 9. A Other (Specify) Lukaaw n	Total Facility Aras cause for C
G	Known, Suspected or Likely Releases to Place an X in the appropriate boxes to indicate or likely releases of wastes to the environment	e any known, suspected,因 Don't knowl	□ Known □ Suspected □ Likely □ None
	Note: Items Hand I are optional. Completing hazardous waste sites. Although completing	these items will assist EPA and State and the items is not required, you are encour	l local governments in locating and assessing aged to do so.
K	Statch Map of Site Location: (Optional) Statch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.		
0	Description of Site: (Optional) Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions. This was a commentation from	rcial disposer. Wast Shell Oil Co. only	e amount shown
		· · · · · · · · · · · · · · · · · · ·	
 J	trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person	on T.E. IHHOCERZI, Ma con Sque 45 A y Stoto	Owner, Present Owner, Past Transporter Operator, Present Operator, Past Pooto Operator, Past Prother

975

Option I: Select general waste types and source categories. If you do not know the general waste types or sources, you are encouraged to describe the site in Item I-Description of Site.

Waste Type: Choose the option you prefer to complete

General Type of Waste: Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.

Dates of Waste Handling:

ended at the site.

Enter the years that you estimate waste

treatment, storage, or disposal began and

Source of Waste: Place an X in the appropriate DOXES

From (Year)

1. Organics 2.2 Inorganics 3. D Solvents

4. D Pesticides

5. D Heavy metals

6. D Acids

7. D Bases

B. D PCBs

9. D Mixed Municipal Waste

10. III Unknown

11. D Other (Specify)

1. D Mining

2.

Construction

3. D Textiles

4.
Fertilizer

5. D Paper/Printing

6. Leather Tanning

7. D Iron/Steel Foundry

8. D Chemical, General

9. D Plating/Polishing

10.
Military/Ammunition

11. D Electrical Conductors

12. D Transformers

13. D Utility Companies

14.

Senitery/Refuse

15. D Photofinish

16. D Lab/Hospital

17. D Unknown

18.四 Other (Specify)

Petroleum Refinin

Operation

Form Approved
OMB No. 2000-013B EPA Form 8900-1

Option 2: This option is available to persons familiar with th Resource Conservation and Recovery Act (RCRA) Section 300 regulations (40 CFR Part 261).

Specific Type of Waste:

To (Year)

978

EPA has assigned a four-digit number to each hazardous was listed in the regulations under Section 3001 of RCRA. Enter appropriate four-digit number in the boxes provided. A copy i the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the sit located.

		s auctive y p pro-	ordicecty Worth Amount					
• •	Mase on X in the appropriate boxes to indicate the facility types found at the cite.	1. 🗆 Piles	පැවස රාජ					
	Is the "total facility waste amount" cpace	2. D Land Treatment 3. D Landfill	pitons 141, 960					
	give the estimated combined quantity	4. 🗆 Tanks						
4	(volume) of hazardous wastes at the site using cubic feet or gallons.	5. I Impoundment	Total Facility Aros					
	In the "total facility area" space, give the	6. D Underground Injection	causes foot					
	ostimated area size which the facilities	7. Drums, Above Ground	coros Unknown					
	occupy using square feet or acres.	8. □ Drums, Below Ground 9. ☑ Other (Specify) <u>Unknow</u>						
			7					
G	Known, Suspected or Likely Releases to		•					
	Place an X in the appropriate boxes to indicate any known, suspected,因 Dou Y known □ Suspected □ Likely □ None or likely releases of wastes to the environment.							
	Note: Items Hand I are optional. Completing hazardous waste sites. Although completing	these items will assist EPA and State an the items is not required, you are encou	d local governments in locating and assessin raged to do so.					
H	Sketch Map of Site Location: (Optional	1)						
	Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.							
	•							
(
•								
	•							
	•							
	<u>-</u>							
l	Description of Site: (Optional)							
e e e	Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.							
٠,	77.		* <i>-</i>					
	1115 WAS A COMME	ercial disposer. Was	le amount shown					
	is contribution from	Shell Oil Co. only						
0	Signature and Title:							
	The person or authorized representative & guch as plant managers, superintendents.	ome T.E. IHAOCENZI, M	Guager D Owner, Present					
	trustees or attorneys) of persons required	A	☐ Owner, Past					
	10 notify must sign the form and provide a mailing address (if different than address	11081 Same 45 A	□ Transporter					
	n item A). For other persons providing	fly Stole	Bip Code Doesntor, Present					
	Check the boxes which best describe the	450	— U Operator, Past					
	rolationship to the site of the person required to notify. If you are not required	anoturo /t Shame	D010 6/4/8, 20ther					
	to notify check "Other".							

•	required by Section 103(c) of the Canalist Environmental Response, Castion, and Liability Act of 1980 and the mailed by June 9, 1981.	ompre- Compen-	.cdditio	onal space, use	in ink. If you heed separate sheets of the item		
Ā	Person Required to Notify:	 ·.		51 11 0	n` 1		
	Enter the name and address of the	person	Nome		il Company		
	or organization required to notify.		Stroat	1.0. BO	x 6249		•
			Спу	Carson		State CA	Zip Code 9074
3	Site Location:				/ 1		
	Enter the common name (if known)	bna	Nome o	site Rou	1 h		
	octual location of the site.		Stroet	P.O. &	30x 576		
			cir. la	1 / /	n County LA		7. 2. 0.47//
_			City D	VIIMING LO	n County LA	State C A	Zip Code 9074
C	Person to Contact:		Nome (last First and Title!	OHARE, Richar	J. E	1 A.,
	Enter the name, title (if applicable), and business telephone number of the person				,		ons. right
	10 contact regarding information Bubmitted on this form.		Phone	[213] 83	5-5611		· · · · · · · · · · · · · · · · · · ·
_	D-4	 	·				
J	Dates of Waste Handling:						
	Enter the years that you estimate water the years that you estimate water treatment, storage, or disposal begar anded at the site.		From (Y	евг) 1980	To (Year) 198	0	
E	Waste Type: Choose the option you prefer to complete						
	Option I: Select general waste types and so you do not know the general waste types or encouraged to describe the site in Item I—D		source	s, you are	Option 2: This option Resource Conservative regulations (40 CFR	ion and Recovery	
	General Type of Waste: Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category. Source of Waste: Place an X in the appropriate boxes.				Specific Type of W EPA has assigned a listed in the regulat appropriate four-dig the list of hazardous contacting the EPA	four-digit number ions under Section it number in the b s wastes and code	n 3001 of RCRA. Entrovers oxes provided. A cops s can be obtained by
	1. Organics	1. 🗆 Mir	nina	j	located.		
	· ·	2. D Cor	_	on		· · · · · ·	
		3. 🗖 Tex	atiles	ļ			
		8. D Fer	tilizer				
		5. 🖸 Pep					
		6. D Los		_			
				Foundry			
		3. D Cha		,			
	•	D. D Pla	_	- 1			
			-	mmunition Conductors			<u> </u>
	- · · · · · · · · · · · · · · · · · · ·	1. LI ENG 2. LI Tro					
		2. 🗖 Util 3. 🗖 Util					•
		9. D S or	-	·			
		5. D Pho	-				
		6. O Lab		1			

17. 🗆 Unknown

Form Approved OMB No. 2000-0138 EPA Form 8900-1

18. Brother (Specify).
Petroleum Refining
Operations

	in the appropriate boxes to in the facility types found at the fite.	1. D Pilos	व्यक्तेंद्र रिला					
٠,٠,٠	In the "total facility waste amount" cpace	2. 🗆 Land Trestment . 3. 🗆 Landfill	Ettons 8400					
	give the estimated combined quantity (volume) of hazardous wastes at the site	4. D Tanks	Total Facility Area					
U	using cubic feet or gallons.	5. D Impoundment	cquare feet					
	In the "total facility area" space, give the	6. Underground Injection						
	estimated area size which the facilities occupy using square feet or acres.	7. ☐ Drums, Above Ground 8. ☐ Drums, Below Ground	COOS UNKNOWN					
		9. 25 Other (Specify) Unknown						
_	Known, Suspected or Likely Releases							
G	Place an X in the appropriate boxes to indic		Manuary D. Stranger and D. Littake, D. e.					
	or likely releases of wastes to the environm	ent.	Kulowu D Suspected D Likely D N					
	Note: Items Hand I are optional. Completing these items will assist EPA and State and local governments in locating and asses hazardous waste sites. Although completing the items is not required, you are encouraged to do so.							
H	Sketch Map of Site Location: (Option	al)						
	Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.							
			•					
			·					
			·					
			•					
	Description of Site: (Optional)							
•	Describe the history and present							
	conditions of the site. Give directions to the site and describe any nearby wells,							
	springs, lakes, or housing. Include such							
	information as how waste was disposed and where the waste came from. Provide		·					
	any other information or comments which may help describe the site conditions.							
			_					
	This was a comun	ercial disposer. Wast	e amount shown					
	is contribution from	Shall Oil Ca. anh	·					
	13 CONCEDUTION 1000	a shell bit with the						
		•						
J	Signature and Title:							
	The person or authorized representative	Nome T. E. IHHOCEAZI, Ma	Owner, Preser					
	(such as plant managers, superintendents, trustees or attorneys) of persons required		□ Owner, Past					
	to notify must sign the form and provide a mailing address (if different than address	Stroet 5qme 45 A	□ Transporter					
	in item A). For other persons providing	City State	☐ Operator, Pres					
	notification, the signature is optional. Check the boxes which best describe the		U Operator, Pasi					
	relationship to the site of the person required to notify. If you are not required	Bignoruro / E Jan nen.	DONO 6/4/8, DOTHER					
	10 notify check "Other".							



Shell Oil Company . Shell Chemical Company

A Division of Shell Oil Company

Wilmington Manufacturing Complex P. O. Box 6249 Carson, California 90749

Telephone (213) 835-5611

June 3, 1981

United States Covernment Environmental Protection Agency Region IX Sites Notification San Francisco, CA 94105

Centlemen:

SUBJECT: NOTIFICATIONS OF HAZARDOUS WASTE SITES

In accordance with requirements of Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, we have enclosed applicable Notifications of Hazardous Waste Sites.

Very truly yours,
Original Signed By
J. E. INNOCENZI

T. E. Innocenzi, Manager Wilmington Manufacturing Complex

CCG: vk

Encl.

bc: Latham & Watkins

Head Office Oprns - Env Cons Mgr

TEI/JWA/WHB
ROH
JHJ
COG (w/a)
E/C File 3.9 (w/a)

Notification of Hazardous Waste Site

United States Environmental Protection Agency Washington DC 20460

required by Section 103(c) of the Compression, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink, if you need additional space, use separate sheets of hensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981. This initial notification information is

A	Person Required to Notify:		<u> </u>		_					
	Enter the name and address of the person		Name Shell	01	Campa	<u>" y</u>				
	or organization required to notify	<i>(</i> .	Street P.O. B.	OX	6249					
_	-		CH Carson				Siate C	4	7ip Coos	90749
B	Site Location:	•	_							
	Enter the common name (if known) and		Nomal Site 54e	11 0	Dil Cor	npan	у			
	actual location of the site.		Streat 209	45	5, Wi	min	aton	A	/C	
			CITY CArson				/			90745
C	Person to Contact:	•								
	Enter the name, title (if applicable), and business telephone number of the person to contact regarding information		Name (Last, First and Tri	10) OH	acc, Ri	chara	L: Env	<u></u>	Cons.	Mar
) 835					
	submitted on this form.									-
<u> </u>	Dates of Waste Handling:							·		
	Enter the years that you actimate waste									
	treatment, storage, or disposal began and From(Year) /927 To (Year) /980 ended at the site.									
	Waste Type: Choose the option you prefer to complete									
			·							
	Option I: Select general waste types and so you do not know the general waste types or encouraged to describe the site in Item I—Do		urce categories. If	Opi	tion 2: This	option i	s available t	o per	sons fami	liar with the
			escription of Site.	reg	ulations (40	CFR Pa	110 Nocove rt 261).	ry At	et (NCHA)	Section 300
	General Type of Weste: Source o		f Wacte:	Spe	eaific Type o	of Wast	⊕:			
	Place an X in the appropriate		X in the appropriate	ELV	A has assign	ed a for	ır•digit num	Der ti	o each ha	terdous was
	boxes. The categories listed overlap, Check each applicable	poses		11516	ea in the reg	radioit o	under Sect	ion j	JUUI OI HO	JRA, Enter the d. A copy o
	category.			the	list of hazar	dous wi	astes and co	des e	can be obt	lained by
				loca	tacting the E Ited.	PA Reg	ion serving	the S	State in w	hich the site
	1. X Organics	1. D Mir	•							
	2. 2 Inorganics	2. D Cor) [
	3. Li Solvents	3. 🗆 Tex								
	4. D Pesticides	4. D Feri		<u> </u>						
	5. 30 Heavy metals		er/Printing	<u> </u>						
	6. E Acids		ther Tenning			l L				
	7. DE Bases B. D PCBs		/Steel Foundry micel, General							
	9. D Mixed Municipal Waste		ing/Polishing							
	- · · · · · · · · · · · · · · · · · · ·		tary/Ammunition			.		_		
	.i. I I''' i		trical Conductors						_	\dashv
		12. D Trai				L		لــ	L	
			ty Companies]						
		14 D San	itary/Refuse	1						
		15. D Pho]						
		16. D Lab.								
		17. 🗆 Unk								
		18. YZ Oth	er (Specify)	l						

Petroken Ketwacy Operations

Form Approved OMB No. 2000-0138 EPA Form 8900-1

This initial notification information is
required by Section 103(c) of the Compre-
hensive Environmental Response, Comper
sation, and Liability Act of 1980 and must
be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

Ā	Person Required to Notify:		 				
	Enter the name and address of the person or organization required to notify.		Brown P.O. Box 6249				
			CIN CATSON				
B	Site Location:			4			
	Enter the common name (if know actual location of the site.	vn) and	Street	oll Dumpsite			
			cin Fullerton	County Orange Brate CA Zip Cook			
2	Person to Contact:			Alu 2: 1 1 a			
	Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.		_	O'Hare Richard; Envir Cons. Myr. 835 - 5611			
)	Dates of Waste Handling:						
	Enter the years that you estimate treatment, storage, or disposal be ended at the site		From (Year) 194	2 To (Year) 1946			
:	Waste Type: Choose the optio	n you pre	efer to complete				
	Option 1: Select general waste ty you do not know the general was encouraged to describe the site in	ie lypes or	sources, you are	Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 300 regulations (40 CFR Part 261)			
	General Type of Waste: Place an X in the appropriate boxes. The categories listed overlap. Chack each applicable category	Source or Place and boxes.	f Waste. X in the appropriate	Specific Type of Waste: EPA has assigned a four-digit number to each hazardous was fisted in the regulations under Section 3001 of RCRA. Enter tappropriate four-digit number in the hoxes provided. A copy of the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the site.			
	1. 🕱 Organics	1. 🗆 Mir	ning	located.			
	2 D Inorganics	- - -	nstruction				
	3. D Solvents	3. D Tex	tiles				
	4. D Pesticides	4. D Fer	tilizer				
	5. Heavy metals	B D Pan	er/Printing				
	6. K Acids	6. D Les	ther Tanning				
	7. D Bases	_	s/\$teel Foundry				
	8. D PCBs		mical, General				
	9. D Mixed Municipal Waste		ting/Polishing				
			itary/Ammunition				
		11. D Elec	ctrical Conductors				
			ity Companies				
			nitary/Refuse	,			
		15 D Pho	tofinish				
		16. D Lab	/Mospital				
		17. D Unk					
		18 X Oin Petrole	er (Specify) um Refinary				
•		Operal					

Form Approved OMB No. 2000-0138 EPA Form #800-1

H995 P05

•	This initial notification informs required by Section 103(c) of the hensive Environmental Responsation, and Liability Act of 198(be mailed by June 9, 1981.	se, Compen-	paper Indicate the f	e senarate should of			
Ā	Person Required to Notify:		<u> </u>				
	Enter the name and address of the person		Nome SHEII	Oil Company Box 6249			
	or organization required to notif	ΙΥ.	Street P.O. E	30x 6249			
			CHY CATSON		State CA	ZID COS: 90749	
B	Site Location:				7 -		
	Enter the common name (if kno	wn) and	Name of Sie Sout	hwast Consc	rvation	<u> </u>	
	actual location of the site.		Bross 20201 5. Main Street				
			cii Curson	_		Zip Code	
\overline{c}	Person to Contact:						
	Enter the name, title (if applicable business telephone number of to contact regarding information submitted on this form.	he person		لا مستحد مصم		r. Cons. Myr.	
 D	Dates of Waste Handling:			······································			
	Enter the years that you estimat treatment, storage, or disposal bended at the site	e waste ogan and	From (Year) 196	8 to mean 19	68		
 E	Waste Type: Choose the opti	on you pre	fer to complete				
	Option I: Select general waste to you do not know the general was encouraged to describe the site is	STE TYPES OF I	COUTCOS, YOU BIE	Option 2: This option Resource Conservations (40 EFR	on and Recovery.	ersons familiar with the Act (RCRA) Section 3001	
	General Type of Waste: Place on X in the appropriate boxes. The categories listed overlap Check each applicable category.	Source of Place on X Doxes.	Weste: in the appropriate	ligted in the regulation appropriate four-digit the list of hazardous contacting the EPA R	four-digit number ons under Section on number in the books wastes and codes	to each hazardous waste a 3001 of RCRA. Enter this exes provided. A copy of a can be obtained by a State in which the site!	
	1. Corganies	1. D Mini	ny	located.			
	2. D Inorganics	2 C Cons	struction				
	3. D Solvents	3. 🗆 Text		-			
	4 D Pesticides	4. D Ferti					
	5. D Heavy metals		r/Printing				
	6. D Acids		her Tanning				
	7. 🗋 Bases 8. 🗅 PCBs		Steel Foundry				
	9. D Mixed Municipal Waste		nical, General				
	a: □ wivan uunuuloibei Maa(¢	💮 🐸 Mati	ng/Polishing	1			

10 - Military/Ammunition

11.

Electrical Conductors 12.
Transformers 13. D Utility Companies 14. D Sanitary/Refuse 15. D Photofinish 16. D Lab/Mospital 17. D Unknown

18 A Diner (Specify) . Petroleum Refinery

Operations

Form Approved OMB No. 2000-0138 EPA Form 8900-1

10. TUnknown

11. Diner (Specify)

P	JUL-09-'92 THU 06:07 ID:SHE	ELL UIL ENU CUN TEL NU:1-3	IN-816-5354 ABOUT
	Place an X in the appropriate boxes to	1. O Piles	subic form
	andicate the facility types found at the site.	2. D Lend Treatment	1272 600
•	In the "total facility waste amount" space give the estimated combined quantity	3. D Landfill	pators 1,377,600
	(volume) of hazardous wastes at the site	4. D Tenks 5. D Impoundment	Total Facility Area
	using cubic feet or gallons.	6. D Underground Injection	aquare feet
	In the "total facility area" space, give the estimated area size which the facilities	7. D Drums, Above Ground	an Unfrown
	occupy using square feet or acres.	8. D Drums, Balow Ground	
		8. M Other (Specify) Unknes	у.п
_			
G	Known, Suspected or Likely Releases to Place an X in the appropriate boxes to indicate or likely releases of wastes to the environment	e any known, suspected, A Do. Y ka	■ □ Known □ Suspected □ Likely □ None ■ □ Known □ Suspected □ Likely □ None ■ □ Known □ Suspected □ Likely □ None
	Note: Items Hand Lare optional Completing hazardous waste sites. Although completing		and local governments in locating and assessing ouraged to do so.
H	Sketch Map of Site Location: (Optional)	
	Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north, You may substitute a publishing map showing the arte location.		
f	Description of Site: (Optional)		
	Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, takes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.		
	This was a comme	and discourse W	aste amount shown
	is contribution from		
7	trustees or attorneys) of persons required	T.E. Junoceari,	D Owner, Past
	mailing address (if different than address	groupe JE Juneary.	Zip Code

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981

1

_				· · · · · · · · · · · · · · · · · · ·			
A	Person Required to Notify:		Name Shell	Oil Campa			
	Enter the name and address of the person or organization required to hotily.		Name Shell Oil Company Street P.O. Box 6249				
				٩			
_	Site (postler)	-			8/8/6 5/7	Zio Code 9074	
3	Site Location: Enter the common name (if known	اسمم (مرز	Name of Site Che	rokoro			
	actual location of the site	Willend		2 W. 16 th 5	·		
			_				
	Danaga Ab (Tarahari		CIT LONG DE	ach county LA	State CA	Zip Code	
;	Person to Contact:	(6) 6-4	Name (Last First and Tr	14 O'Hare Ric	1. 1. 5.	0 04	
	Enter the name, title (if applicable), and business telephone number of the person to contact regarding information aubmitted on this form.		Prono [2/3]	835 - 56//	MARA; E NVIC	Cons. Myr.	
	Dates of Waste Handling:		•				
	Enter the years that you estimate treatment, storage, or disposal be ended at the site.	egan and	From (Year) 197	8 To (Year)	980		
	Waste Type: Chonse the option Option I: Select general waste to you do not know the general was	roes and so	urce categories If	Option 2: This opt	ion is available to pe	ersons familiar with the	
	encouraged to describe the site if General Type of Waste: Place an X in the appropriate boxes. The categories listed overlap Check each applicable category.	n Item I—D Source o	escription of Site.	specific Type of V EPA has essigned listed in the regular appropriate four-di the list of hazardou contacting the EPA	R Part 261). Vaste: a four-digit number: tions under Section git number in the bo	to each hazardous was 3001 of RCRA. Enter- exes provided. A copy to can be obtained by State in which the sit.	
	1. 🔀 Organics	1. U Mir	าเกฐ	located.			
	2. D Inorganics	2. 🗅 Cor	etruction			<u></u> 1	
	3 D Solvents	3. 🗆 Tex					
	4. D Pesticides	4. D Fen					
	5 D Heavy metals		or/Printing				
	6. D Acids		ther Tenning				
	7. D Bases B. D PCBs		/Stest Foundry micst, General				
	9. D Mixed Municipal Waste		imicat, Generat ing/Polishing				
1	10. M. Unknown		ng/ronsing sary/Ammunition				
	11. D Other (Specify)		trical Conductors			ļ	
		12 D Tran					
			ty Companies				
4			itary/Refuse	}			
		15. D Pho	•				
		16. 🖸 Lab.	/Hospital				
		17. 🗅 Unk	-	ļ			
			er (Specify)				
			un Retiring				
	An-	Waste					
ć	Fernt Арргочед ЭМР №. 2000-0138]			
E	FPA Form \$900-1						

- [JUL-09-'92 THU 06:09 ID:5	SHELL OIL ENV CON TEL NO:1-310-		995 PØ9
,	indicate the facility types found at the site.	1. □ Piles 2. □ Land Treatment	eub-c feet	
. :	In the "total facility waste amount" space	3. D Landfill	sellons 72	240
,	give the estimated combined quantity feelume) of hazardous wastes at the site	4. D Tenks	Total Facility Area	
•	using cubic feet or gallons.	5. D Impoundment	square feet	
	In the "total facility area" space, give the astimated area size which the facilities	6. D Underground Injection 7. D Drums, Above Ground	en Unkno	
	occupy using square feet or acres.	8. D Drums, Below Ground	som Unkna	M.M
		9. M Other (Specify) Unknown		
G	Known, Suspected or Likely Releases	to the Environment:		
J	Place an X in the appropriate boxes to indic or likely releases of wastes to the environm	ate any known, suspected, # Dos Y know D) Known D Suspecte	ed D Likely D None
	Note: Items:Hand I are optional. Completing hazardous waste sites. Although completion			locating and assessing
H	Sketch Map of Site Location: (Option	nal)		
	Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.			
<u> </u>	Description of Site: (Optional) Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing, include such information as how waste was disposed			
	and where the waste came from Provide any other information or comments which			
	may help describe the site conditions.			
	This was a comm	iercial disposer. Was	ste amount	shown
	is contribution tra	om Shell Oil Co. on	19.	
	Signature and Title:			
•	The person or authorized representative	Name T. E. JANDERAZI, P	14-deer	Owner, Present
	(such as plant managers, superintendents, trustees or attorneys) of persons required			D Owner, Past
	to notify must sign the form and provide a	Biron Sama as A		☐ Transporter
	mailing address (if different then address in item A). For other persons providing	Cmy Stepe	Zip Code	D Operator, Present
	notification, the signature is optional. Check the boxes which best describe the	S1010		Operator, Past Other
	relationship to the site of the person required to notify. If you are not required to notify check "Other".	Egnature / E Som nem.	Date (14/g)	<u></u>
	winding come. Winet.			

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Companiation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Ā	Person Required to Notify: Enter the name and address of	the person	Name Shell	Oil Company				
	or organization required to notif		Street P.O. Box 6249					
			cm Carso.	1	State C	A Zip Code	90749	
3	Site Location:		- ·					
	Enter the common name (if kno actual location of the site.	wn) and	Name of Site	and Brain				
	actual sociation of the site.		8tree1 255	East D Sty				
				ton counts LA		A (in Code	00744	
<u> </u>	Person to Contact:					71 2.0 0000	70 17 5	
Enter the name, title (if applicable), and business telephone number of the person to contect regarding information submitted on this form.				835 - 5611	_	vir. Con	_	
)	Dates of Waste Handling:							
•	Enter the years that you estimat	0.141886						
	treatment, storage, or disposal b	egan and	From (Year) 196	8 To (Year) /9	68			
	ended at the site	-						
	Waste Type: Choose the opti	20 201 25	for to owned to	•				
			•					
	Option I: Select general waste to you do not know the general was encouraged to describe the site is	ste types or	SOUTCOS YOU BYO	Option 2: This option Resource Conservation regulations (40 CFR)	on and Recov	to persons for ery Aut (RCRA	nilier with the) Section 300 l	
	General Type of Waste: Place an X in the appropriate boxes. The categories listed everlap Check much applicable category.	Source of Place an 3 boxes.	Waste: Kin the appropriate	Specific Type of Wa EPA has assigned a fisted in the regulatic appropriate four-digit the list of hazardous contacting the EPA R	four-digit num ons under Sec number in ti wastes and c	ction 3001 of fi he boxes provi odes can be o	ACRA Enter th ded A copy of blained by	
	1 C Organise			located.	egion serving	tne State in t	Mulco the site	
	1. D Organics 2. D Inorganics	1 D Min 2. D Con	¥					
	3 () Salvents	3. D Text				\dashv \vdash		
	4. D Pesticides	4. D Fert		<u> </u>				
	5. D Heavy metals	· - - ·	er/Printing		<u> </u>	\dashv \vdash		
	6. D Acids	•	her Tenning			<u> </u>		
	7. 🛭 Bases		/Steal Foundry	 	ļ			
	8 D PCBs	B. D Che	mical, Ganeral			\dashv \vdash	—	
	8. D Mixed Municipal Waste	9. 🖸 Plati	ing/Polishing			→ ├─		
	10. Kunknown		tary/Ammunition		i	\dashv		
	11, D Other (Specify)	11. D Elec	trical Conductors		<u> </u>	<u> </u>		
		12. 🛭 Tran			<u> </u>			
			ty Companies					
•		14. D Sani	itery/Refuse					
		16. D Leb/	· · ·					
		17. D Unki	-					
			r (Specify)					
		Petrole	um Retigery					
		Operation						
	Form Approved DMB No. 2000-0138	7						
	EPA Form \$900-1							
•	· ·							

• -	JUL-09-'92 THU 06:12 ID:SH	HELL OIL ENV.CON TEL NO:1-310-916-2327	
	Place an X in the appropriate boxes to , indicate the facility types found at the site.	1. D Piles extre feet	<u>#995_P11</u>
• _	In the "total facility waste amount" space	2. D Land Treatment 3. D Landfill gallons 12 6	00
٠.	give the estimated combined quantity (volume) of hazardous wastes at the site	4. D Tanks Total Facility Art	M
•	using cubic feet or gallons.	5. D Impoundment 6. D Underground Injection	
•	in the "total facility area" space, give the astimated area size which the facilities occupy using square feet or acres	7. Drums, Above Ground 8. Drums, Below Ground	W _h
		9. 其 Other (Specify) Unknown	
G	Known, Suspected or Likely Releases Place an X in the appropriate boxes to indic or likely releases of wastes to the anvironm	cate any known, suspected, #Pop * know Known Suspe	acted 🗆 Likely 🗀 Non
		ng these items will assist EPA and State and local governments ing the items is not required, you are encouraged to do so	in locating and assessing
H	Sketch Map of Site Location: (Option	nal)	
	Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.		
	Description of Site: (Optional) Describe the history and present conditions of the site, Give directions to the site and describe any nearby wells, springs, takes, or housing. Include such information as how waste was disposed		
	Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, takes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which		
	Describe the history and present conditions of the site, Give directions to the site and describe any nearby wells, springs, takes, or housing, include such information as how waste was disposed and where the waste came from Provide any other information or comments which may help describe the site conditions.	arcial disposer. Waste amoun	it shown
	Describe the history and present conditions of the site, Give directions to the site and describe any nearby wells, springs, takes, or housing. Include such information as how waste was disposed and where the waste came from Provide any other information or comments which may help describe the site conditions. This was a comment.	vercial disposer. Weste amoun	it shown
	Describe the history and present conditions of the site, Give directions to the site and describe any nearby wells, springs, takes, or housing. Include such information as how waste was disposed and where the waste came from Provide any other information or comments which may help describe the site conditions. This was a comment.	sercial disposer. Waste amount	it shown
	Describe the history and present conditions of the site, Give directions to the site and describe any nearby wells, springs, takes, or housing. Include such information as how waste was disposed and where the waste came from Provide any other information or comments which may help describe the site conditions. This was a comment.		it shown
	Describe the history and present conditions of the site, Give directions to the site and describe any nearby wells, springs, takes, or housing. Include such information as how waste was disposed and where the waste came from Provide any other information or comments which may help describe the site conditions. This was a comment.		it shown
3	Describe the history and present conditions of the site, Give directions to the site and describe any nearby wells, springs, takes, or housing. Include such information as how waste was disposed and where the waste came from Provide any other information or comments which may help describe the site conditions. This was a comment.		Owner, Present Owner, Past Transporter

This initial notification information is fequired by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liebility Act of 1980 and must be mailed by June 9, 1981.

Ā	Person Required to Notify:				
	Enter the name and address of	the person	Home Shell	Oil Company	
	or organization required to notif	!y.		Box 1249	
			cm Carso	9 Siele CA Zio Code 907	49
B	Site Location:				
	Enter the common name (if kno actual location of the site.	₩n) and		by and Overton W. 16 th Street	
				ach county LA State CA 210 Code 9081	
<u></u>	Person to Contact:				
•	Enter the name, title (if applicable), and business relephone number of the person to contact regarding information aubmitted on this form.		From [2/3]	835 - 5611	<u>r. </u>
<u> </u>	Dates of Waste Handling:				—
	Enter the years that you estimate treatment, storage, or disposal bended at the site.	e waste egen and	From (Year) 1976	To (Yakr) 1977	
-	Waste Type: Choose the opti	on you pre	efer to complete		
	Option I: Select general wasto to you do not know the general was encouraged to describe the site is	ste types or	SOUTCES YOU ATH	Option 2. This option is available to persons familiar with Resource Conservation and Recovery Act (RCRA) Section 3 regulations (40 CFR Part 261)	the 3001
	General Type of Waste: Place an X in the appropriate boxes. The categories listed overlap. Chack each applicable category	Source of Place an) buxes.	f Waste: X in the appropriate	Specific Type of Waste: EPA has assigned a four-digit number to each hazardous v listed in the regulations under Section 3001 of RCRA. Ente appropriate four-digit number in the boxes provided. A cop the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the:	y of
	1, S Organics	1. D Min	nina	located.	9115 1
	2. D Inorganics	2 D Con	•		٦.
	3. D Solvents	3. D Text			-
	4. D Pesticides	4. 🗆 Fert			4
	5. Heavy metals	5. D Papi	er/Printing		4
	6. D Acids		ther Tenning	 	
	7. D Bases		/Steel Foundry		4
	8. D PCBs	B. D Che	mical, General		-
	9 D Mixed Municipal Waste	8. 🗖 Plat	ing/Polishing		┨
•	10. 🗎 Unknown	10. 🛭 Mili	tery/Ammunition		1
•	11. D Other (Specify)	11. 🖾 Elec	trical Conductors		1
,		12. 🗆 Tran	sformers)
		13. D Utili	ty Companies		
		14. 🗆 Sani	itery/Rofuse		
		15. D Phơi	lofinish		
		16. D Leb/	,		
		17. 🗆 Unki			
			un Refinery		
1	Form Approved	Operati	4ns		
(Form Approved DMB No. 2000-0138				
-	TOA From BANN 1				

•	JUL-09-'92 THU 06:14 ID:5	PHELL ÖİL EVÂĞON	TEL NO:1-310-81	.6-2327	1995 P13
	Place an X in the appropriate boxes to indicate the facility types found at the site.	1. D Piles		pubic feet	
	in the "total facility waste amount" apace	2. D Land Treatme		pelions 63 4	(2A
	give the estimated combined quantity	3. D Landfill 4. D Tanks	-	Total Facility Area	
	(volume) of hazardous wastes at the site using cubic feet or gallons.	5. 🗅 Impoundmen	1	equare feet	
•	In the "total facility area" space, give the	6. D Underground	Injection		
	estimated area size which the facilities occupy using square feet or acres.	7. D Drums, Abovi 8. D Drums, Belov		un Unknow	<u>v 1</u>
		9. X Other (Specif			
_	Mary Dungage And Mak Delagage				
G	Known, Suspected or Likely Releases Place an X in the appropriate boxes to indic or likely releases of wastes to the environm	ate any known, suspecte	d. #Pos t know 🗆 i	Known D Şuspec	ted 🗆 Likely 🗅 None
	Note: Items Hand Lare optional. Completing	ng these items will essist			n locating and assessing
Ŭ-	Sketch Map of Site Location: (Option	nai)			
••	Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.				
-	Description of Site: (Optional)				
•	Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, takes, or housing, include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.				
	This was a comm	iercial dispo	SET. WAST	c amount	t shown
	is contribution from	om Shell Of	il Co. only	<i>.</i>	
	•				`
J	Signature and Title:				
	The person or authorized representative (such as plant managers, superintendents,	Name T. E. Jun	ACBAZI, MA	mager	D Owner, Present
	trustees or attorneys) of persons required	Biron Sama 45			D Owner, Past
	to notify must sign the form and provide a mailing address (if different than address	enen DAME do			☐ Transporter ☐ Operator, Present
	in item A). For other persons providing notification, the signature is optional.	Ç n ı	State 2	o Code	D Operator, Past
	Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required	Signature It Qu	nay'	C/4/81	→ Other
	to notify check "Other".				

Washington DC 20460

is

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of paper. Indicate the letter of the item which applies.

" EPA Form \$900-1

A	Person Required to Notify: Enter the name and address of the person or organization required to notify.		Chall	0.1 0-			
			Name Shell Oil Company				
		•	_	30x 6249		_	
			en Carsos		State CA	Z10 Code 90749	
В	Site Location:			, ,			
	Enter the common name (if kno	wn) and	Name of Size ASCO	n Landfill			
	actual location of the site.		Street 1605	Alameda	Avenue	•	
		•		on county LA		Zip Code	
C	Person to Contact:	***		•			
	Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.		Name (Last, First and Title) O'Hare, Richard; Envir. Conc. Myr.				
<u> </u>	Dates of Waste Handling:						
-	Enter the years that you estimat	e waste		. 1	_		
	treatment, storage, or disposal bended at the site	egan and	from (Year) / 9 7	27 To (Year) 19	74		
_	Waste Type: Choose the opti	on you pre	efer to complete				
	Option 1: Select general waste t you do not know the general wa encouraged to describe the site i	ste types or	sources, you are		ition and Recovery A	rsons familiar with the ct (RCRA) Section 300	
	General Type of Wasta: Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.	Source of Place and boxes.	f Waste: X in the appropriate	listed in the regular appropriate four-dig the list of hazardou	s four-digit number t tions under Section l git number in the bo is wastes and codes	to each hazardous was 3001 of RCRA. Enter t xes provided A copy of can be obtained by State in which the site	
	1. 🗹 Organics	1. D Mir	aing	located.			
	2.7 Inorganics	2. D Cor	struction				
	3 D Solvents	3. 🗆 Tex	tiles				
	4. D Pesticides	4. D Fan					
	5. D Heavy metals		er/Printing				
	6. 阿 Acids 7. D Bases		ther Tanning				
	8. D PCBs		/Steel Foundry				
	9. D Mixed Municipal Waste		mical, General ing/Polishing				
	10. D Unknown		tary/Ammunition				
	11. D Other (Specify)		trical Conductors				
		12. D Trai					
					•		
		13. 🛭 Othi	nt Companies i				
		. 13. □ Utili . 14. □ San	· · · · ·				
			itary/Refuse				
		14. 🗅 San	itary/Refuse tofinish				
		14. D San 15. D Pho	itery/Refuse tofinish /Hospital				
		14. D San 15. D Pho 16. D Leb 17. D Unk 18. & Oth	itery/Refuse tofinish /Hospital nown er (Specify) wm Refuncy				

	<u> </u>	HELL OIL ENV CON TEL NO:1-310	0-816- <u>2327</u> H995 P15
8	Place on X in the appropriate boxes to	1. O Piles	
	imdicate the facility types found at the site.	2. D Land Treatment	subic feet
	finithe "total facility waste amount" apace give the estimated combined quantity	3. 🖸 Landfill 4. 🖸 Tanka	Total Pacifity Area
•	(volume) of hazardous wastes at the site using cubic feet or gallons	5. D Impoundment	Multiple Lands
•	In the "total facility area" space, give the estimated area size which the facilities occupy using squere feet or acres.	6. D Underground Injection 7. D Drums, Above Ground 8. D Drums, Below Ground 9. St Other (Specify) Les Enow	woo Unknown
Ğ	Known, Suspected or Likely Releases		
_	•	ate any known, suspected, A.Das Y know	□ Known □ Suspected □ Likely □ None
	Note: Items Hand I are optional. Completin hazardous waste sites. Although completin		nd local governments in locating and assessing graged to do so.
H	Sketch Map of Site Location: (Option	al)	
	Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location, Draw an arrow showing the direction north, You may substitute a publishing map showing the site location.		
	Description of Site: (Optional) Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions. This was a commentation from the conditions of the site conditions.	ercial disposer. Wa m Shell Oil Co. or	
1	Signature and Title: The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check. "Other".	Name T.E. IMABERNE' Broom Syma as A Cry State Signature IC Dyn any	Owner, Present Owner, Past Transporter Operator, Present Operator, Present Operator, Past A Other

This initial notification information is

Form Approved OMB No. 2000-0138 EPA Form 8900-1

#995 P16
Emironmental Protection
Agency Washington DC 20460

. 1	This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.	- Daber, Indicate the	t sanda etarage d	
Ā	Person Required to Notify:			_
	Enter the name and address of the person	Nome Shell	Oil Company	
	or organization required to notify	Street P.O.	30x 6249	
		cm Carson	State CA In Code 907	49
В	Site Location:			
	Enter the common name (if known) and actual location of the site.	Name of Site Pala		
	• • • • • • • • • • • • • • • • • • • •	Street 26 30	5. Crenshaw Blud.	
		cin Palos Vera	les County LA State CA Zip Code	
<u> </u>	Person to Contact:			
	Enter the name, title (if applicable), and business telephone number of the person to contact regarding information submitted on this form.	Name (Last. First and Tele Phone (2/3)	835 - 5611	<u>r.</u>
)	Dates of Waste Handling:*			
	Enter the years that you estimate waste treatment, storage, or disposal began and ended at the site	From (Year) 196	7 To (Year) 1980	-
	Wast to Pale	n 1/n n/ / n	udfills No. 1, No. 5, and Acid Pit	
_	Waste Type: Choose the option you pre	efer to complete	MATILIS NO. 1, NO. 3, AND MEID PIT	
	Option I: Select general waste types and so you do not know the general waste types or encouraged to describe the site in Item I—D	ource catagories, If	Option 2: This option is available to persons familiar with Resource Conservation and Recovery Act (RCRA) Section 3 regulations (40 CFR Part 261).	the 3 0 0
	General Type of Waste: Place an X in the appropriate boxes. The categories listed overlap Check each applicable category Source o Place an boxes.	f Waste: X in the appropriate	Specific Type of Waste: EPA has assigned a four-digit number to each hazardous w listed in the regulations under Section 3001 of RCRA. Ente appropriate four-digit number in the boxes provided. A cop the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the	er th
	1. TSC Organics 1. D Mir	ning	located.	
		struction		7
	3. Solvents 3. Tex			1
	4. Pesticides 4. Fem 5.25 Heavy metals 5. Pag]
		er/Printing ther Tanning]
		/Steel Foundry		- ↓
	_ '	mical, General		-
	9. D Mixed Municipal Waste 9. D Plat	ing/Polishing		1
		tery/Ammunition		1
	-	trical Conductors		1
•	12. 🗆 Trai			
		ity Companies litery/Refuse		
	15. D Pho	· .		
	16. 🗆 Leb	i		
	17. 🗀 Unk			
	18.5€ Oth	er (Specify)		
	retrolen	m Retining		
1	Form Approved DMB No. 2000-0138			
- 4	UMB NA 2000-0138	i i		

	_	JUL-09-'92 THU 06:10 ID:S	SHELL OIL ENU CON TEL NO:1-310-	016-2327 #995 P17		
	F	Waste Commity: Place an X in the appropriate boxes to	Facility Type 1. Piles	Total Sanita Waste Amount		
. •	;	andicate the facility types found at the site.	2. D Land Treatment	Cubic feet		
		fin the "total facility waste amount" space give the estimated combined quantity	3. D Landfill	elions 12, 47/, 415		
	•	(volume) of hazardous wastes at the site asing cubic feet or gallons.	4. D Tanks 5. D Impoundment	Total Facility Area		
		In the "total facility area" space, give the	6 D Underground Injection	aquare feet		
		estimated area size which the facilities	7. D Drums, Above Ground	on Unknown		
		occupy using square feet or acres.	8. ロ Drums, Below Ground 9. 図 Other (Specify) <u>仏以上の</u> 山山 _山			
	G	Known, Suspected or Likely Releases		·		
		Place on X in the appropriate boxes to indic or likely releases of wastes to the environm) Known D Suspected D Likely D None		
		Note: Items Hand I are optional. Completi hazardous waste sites. Although completi	ng these items will assist EPA and State and ng the items is not required, you are encourt	local governments in locating and assessing ged to do so.		
	H	Sketch Map of Site Location: (Option	nal)			
		Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north, You may substitute a				
		publishing map showing the site location				
		Description of Site: (Optional)				
	•	Describe the history and present				
		conditions of the site. Give directions to				
		the site and describe any nearby wells. aprings, takes, or housing. Include such				
		anformation as now waste was disposed and where the waste came from. Provide	•			
		any other information or comments which may help describe the site conditions.				
		•	•	- 4 /		
		This was a comm	iercial disposer. Was	ite amount shown		
			im Shell Oil Co. on			
				<i>y.</i>		
	<u></u>	Signature and Title:				
		The person or authorized representative	Nome T. E. THADCANZI, M	GRAREF D Owner, Present		
		(such as plant managers, superintendents, business or attorneys) of persons required		D Owner, Past		
		to notify must sign the form and provide a mailing address (if different than address	STORE SAME AS A	D Transporter		
		in item A). For other persons providing	Çiny \$1810	Operator, Present D Operator, Past		
		notification, the signature is optional. Check the boxes which best describe the	(-)	U Operator, Post		
		relationship to the site of the person required to notify. If you are not required	Signature / 6- Som rem	Dere Sy /8,		
		to notify sheek "Other".	\overline{v}	· —		

12. □ Transformers
13. □ Utility Companies
14. □ Senitery/Refuse
15. □ Photofinish
16. □ Leb/Hospitel
17. □ Unknown
18. ❸ Other (Specify)
Patrolaum & Chana

aperations

Form Approved OMB No. 2000-0138 EPA Form 8900-1

	JUL-09-192 THU 06:21 ID:SH In the "total facility waste amount" space, give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feet or gallons. In the "total facility area" space, give the estimated area size which the facilities accupy using square feet or acres.	3. D Landfill 4. D Tanks 5. D Impoundment 6. D Underground Injection 7. D Drums, Above Ground 8. D Drums, Below Ground 9. S Other (Specify) Unknown	816-2327 H995 P19 genons 116, 980 Total Facility Area source feet Which how h
G	or likely releases of wastes to the environm	ate any known, suspected A Do, Y know is ant. Ing these items will assist EPA and State and	□ Known □ Suspected □ Likely □ None d local governments in locating and assessing aged to do so.
H	Sketch Map of Site Location: (Option Sketch a map showing atrects, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.	al)	
	Description of Site: (Optional) Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells. springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from Provide any other information or comments which may help describe the site conditions. This was a committee to comments which is the conditions of the conditions of the condition of the con	ercial disposer. Wa m Shell Oil Co. on	ete amount shown
Ĵ	Signature and Title. The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address (if different than address in item A). For other persons providing notification, the signature is optional. Check the boxes which best describe the relationship to the site of the person required to notify if you are not required to notify these. "Other".	Nome T. E. THROCEREN, A Strom Sqma 95 A Cry State Signature IE Jun very.	Dwner, Present Owner, Pest Transporter Operator, Present Operator, Present Operator, Past Under Date

JUL-09-'92 THU 06:22 ID: SHELL OIL ENU CON TEL NO: 1-310-016-2327 NOTITICATION OF HAZARDOUS Waste Site

H995 P20
United States
Environmental Protection
Agency Washington DC 20460

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Companisation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Ā	Person Required to Notify: Enter the name and address of or organization required to noti	the person		0:1 Company 0x 6249 81018 CA 210 Conc 90749
B	Site Location: Enter the common name (if knowncous) location of the site.	own) and	Name of Site BK	
c	Person to Contact. Enter the name, title (if applical business telephone number of to contact regarding information submitted on this form	the person	Name (Last, First and Title	OHere, Richard; Envir Cons Man 5-5611
D	Dates of Waste Handling: Enter the years that you estima		10.6	4 To (Year) 1980
	treatment, storage, or disposal (anded at the site.	began and	From (Year) 1964	4 to (Year) 1980
E	Waste Type: Choose the opt	ion you pr	efer to complete	
	Option I: Select general waste types and so you do not know the general waste types or encouraged to describe the site in Item I—De		Sources, you are	Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 30 regulations (40 CFR Part 261).
	General Type of Waste Place an X in the appropriate boxes. The categories listed overlap Check each applicable category.		of Waste: X in the appropriate	Specific Type of Weste: EPA has essigned a four-digit number to each hazardous wa listed in the regulations under Section 3001 of RCRA. Enter appropriate four-digit number in the boxes provided. A copy the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the sit
	1. Marganics	1. 🗀 Mi	nina	located.
	2.2 Inorganics		natruction	
	3. Solvents	3. 🗆 Te:	niles	
	4. 🗆 Pesticides	4. D Fei	rtiflizer `	
	5. D Heavy metals	5. 🗆 Pe	per/Printing	
	6. B'Acids	6. 🗆 Le	sther Tanning	
	7. 🔀 Bases	7. 🗆 Iro	n/Steel Foundry	
	8. D PCBs		emical, General	
	9. Mixed Municipal Waste		ting/Polishing	
	10. Dunknown		litary/Ammunition	
	11. D Other (Specify)		ctrical Conductors	
			insformers	
			lity Companies	
		15. D Ph	· • · · · · · · · · · · · · · · · · · ·	
			/Hospital	
		17. 🗅 Un		
		18. 5×01	her (Specify)	
		Petrale	um Refrancy	
		Operati	lons -	
	Form Approved OMB No. 2000-0135	1		
	O-0 NO. 2000-0135			

	JUL-09-'92 THU 06:23 ID:SHE	LL OIL ENV CON TEL NO:1-310	-016-2327 #995 P21		
F	Waste Quantity:	Facility Type	Total Facility Waste Amount		
٠.,	Prace an X in the appropriate boxes to indicate the facility types found at the site.	1. D Piles	cubic feet		
•	In the "total facility waste amount" space	2. D Land Treatment 3. D Landfill	prilons 5, 115, 674		
	give the estimated combined quantity (volume) of hazardous wastes at the site	4. D Tanks	Total Facility Area		
	using cubic feet or gallons.	5. D Impoundment	equare feet		
	in the "total facility area" space, give the astimated area size which the facilities	D Underground Injection D Drums, Above Ground	eres Unknown		
	occupy using square feet or acres.	8. Drums, Below Ground	AN ENOW A		
		9. M. Other (Specify) Unknown			
G	Known, Suspected or Likely Releases	to the Environment:			
	Place an X in the appropriate boxes to indicator likely releases of wastes to the anvironment		y 🗆 Known D Suspected 🗇 Likely 🗀 Non-		
	Note: Items Hand I are optional. Completin hazardous waste sites. Although completin	g these items will assist EPA and State in the items is not required, you are encounted the state of the items is not required.	and local governments in locating and assessing uraged to do so.		
H	Sketch Map of Site Location: (Option	al)			
	Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.				
		•			
1	Description of Site: (Optional)				
	Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from, Provide any other information or comments which				
	may help describe the site conditions.				
	This was a commercial disposer. Waste amount shown				
	is contribution from	shell Oil Co. only	<i>;</i>		
		·			
_					
J	Signature and Title:				
	The person or authorized representative (such as plant managers, superintendents,	Nome T. E. Innocenzi, 1			
	trustees or attorneys) of persons required to notify must sign the form and provide a	Street Square 45 A	□ Owner, Past □ Transporter		
	mailing address (if different than address in item A). For other persons providing	_	D Operator, Present		
	notification, the signature is optional.	Cny State	Zip Code D Operator, Past		
	check the boxes which best describe the relationship to the site of the person required to notify. If you are not required to notify check "Other".	Egneuro IE Duney.	Date 6/4/8, ZECOINET		

JUL-09-'92 THU 06:24 ID:SHELL DIL ENV CON TEL NO:1-310-816-2327

#995_P22___ Environmental Protection Agency Washington DC 20460

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 and must which applies

Please type or print in ink, if you need additional space, use separate sheets of

	be mailed by June 9, 1981.		witten applies.			•
Ā	Person Required to Notify:		N. 54-11	2.1.0-	-	
	Enter the name and address of the person or organization required to notify			Dil Company		
			Street P.O. BO	0x 6249		
			ca Carson		State CA	2:p Code 90749
B	Site Location:		0 1 1	' - /		
	Enter the common name (if kno	own) and	Name of Site Cally	ernie Salvage	P	
	actual location of the site.		Street P.O.	Box 1265		
				24 County LA		Zip Code
c	Person to Contact:					
	Enter the name, title (if applica		Name (Last, First and Title	OHERE, Richar	d; Envir	ons Mar
	business telephone number of the person to contact regarding information submitted on this form.		Front (2/3) 8			
D	Dates of Waste Handling:					· · · · · · · · · · · · · · · · · · ·
	Enter the years that you estima		Fram (Year) 196	8 To (Year) / 4	37/	
	treatment, storage, or disposal lended at the site	began and	From (TEST) 7 6	8 10 (TOST) / 5	76	
E	Waste Type: Choose the opt	ion you pre	efer to complete		-	
	Option 1: Select general waste types and so you do not know the general waste types or encouraged to describe the site in Item I—D		sources, you are		tion and Recovery	ersons familiar with the Act (RCRA) Section 3001
	General Type of Waste: Place an X in the appropriate boxes. The categories listed overlap Check each applicable category.	Source of Place and boxes.	f Waste: X in the appropriste	fisted in the regular appropriate four-dig the list of hazardous	four-digit number ions under Section it number in the bo wastes and codes	to each hazardous waste 3001 of RCRA. Enter the oxas provided. A copy of a can be obtained by State in which the site in
	1. Organics	1. D Mir	ning	located.		
	2 Inorganics		nstruction			
	3. D Solvents	3. 🗆 Tex	tiles			
	4. D Pesticides	4. 🗆 Fen	tilizer			
	5. Heavy metals	5. D Pap	er/Printing		-	
	6. 🗷 Acids	6. 🗖 Lea	ther Tanning			
	7. 🕱 Bases	7. 🗆 Iron	/Steel Foundry			
	B. D PCBs	8. X Che	mical, General			
	B. D Mixed Municipal Waste	9. D Plat	ting/Polishing			
	10. E Unknown	10. D Mili	itary/Ammunition			
	11. D Other (Specify)		trical Conductors			
		12. D Trai		•	•	
			ity Companies			
			itary/Refuse			
		15. 🗆 Pho	1			
		16. D Lab	·			
		17. 🗆 Unk				
		18. 52.Oth	er (Specify).			

Petroleum Refining

Operations

Form Approved OMB No. 2000-0138 EPA Form 8900-1

MAI		

Place an X in the appropriate boxes to indicate the facility types found at the site.

In the "total facility waste amount" space give the estimated combined quantity (volume) of hazardous wastes at the site using cubic feat or gallons.

In the "total facility area" space, give the estimated area size which the facilities occupy using square feet or acres.

	•	
	Tia	
		88
MV.		М.
****		~
_	-	•

- 1. D Piles
- 2. D Land Treatment
- 3. D Landfill
- 4. D Tanks
- 5. D impoundment
- 8. D Underground Injection
- 7. D Drums, Above Ground
- 8. D Drums, Below Ground
- 9. A Other (Specify) Unknown

	Wann	
Total	Waste	Amount

1 11

subc feet			
getions	869	490	

Total Facility Area square for

and Unknewn

Known, Suspected or Likely Releases to the Environment:

Place an X in the appropriate boxes to Indicate any known, suspected & Da't known D Suspected D Likely D None or likely releases of wastes to the environment.

Note: Items Hand I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.

H Sketch Map of Site Location: (Optional)

Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.

Description of Site: (Optional)

Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from Provide any other information or comments which may help describe the site conditions.

This was a commercial disposer. Waste amount shown is contribution from Shell Oil Co. only

Signature and Title:

The person or authorized representative (such as plant managers, superintendents, trustees or attorneys) of persons required to notify must sign the form and provide a mailing address lifetiment than address.

Name	T.E.	Innocenzi	Manager
			7
£11.00	5	▲	

	Owner,	Present
D	Owner,	Pas!

£ 10 == 97

Sec. (100) 5 371

SHELL OIL COMPANY

TILL F

DATE JUNE 1, 1979

TO HEAD OFFICE - ENVIRONMENTAL CONSERVATION - OPERATIONS

MANAGER - WILMINGTON MANUFACTURING COMPLEX

SUBJECT - WILMINGTON WASTE DISPOSAL SITE SURVEY

Please refer to your memorandum of May 7, 1979 requesting a review of Waste Disposal practices for Chemical Manufacturing (Oxygenated Solvents) at this location.

Records of Waste Disposal are currently available for 1973 to date with respect to carrier, quantity and a description of the waste. Information as to disposal site is less complete, but sufficient to point to most, if not all, sites used.

Waste products from this location are considered to be relatively non-toxic. Since operations at this location have not changed significantly either in nature nor throughput since 1950, the wastes disposed of prior to 1973 should not differ significantly from recent wastes. They too should be considered to be relatively non-toxic.

Prior to 1969, our solvents plant waste water was processed with refinery waste water; hence, no effluent sludge was isolated. Also prior to 1969, wastes consisted of an occasional load of sludge from a 67% sulfuric acid storage tank, sludge from solvent tanks being prepared for inspection and repairs; also, from time to time, sludge from the forebay of a cooling water tower. At the most, this would probably amount to less than 100 tons in any year prior to 1969.

In 1969, the process waste water from the solvents operation was segregated, processed to remove solids (effluent sludge) and ultimately introduced to the Los Angeles County Sanitary Sewer System for further treatment.

A review of our worksheets for recent years shows the greatest part of the waste is this effluent sludge, a moderately alkaline emulsion of water, oil, hydrated metallic oxides, such as, iron hydroxide, calcium hydroxide, magnesium hydroxide, and perhaps traces or alcohols and ketones.

We have prepared a form "A" for 1978, (5) form "B's", pages 1 and 2, for known disposal sites, form "C", covering haulers named in our records for 1973 to 1978, and haulers possibly used prior to 1979 based on recollections of employees in responsible positions prior to 1973.

We also have prepared (10) form "D's", "Supplemental Hauler information," for haulers named in our records and those possibly used before 1973 as well.

In addition to the waste disposal sites covered by the Form "B", there are a number of other local sites that have been active in this area in past years. We have no evidence that these were disposal sites for wastes from this location.

Other possible disposal sites include the following:

Adams Dump
Main Street Dump
Harwick Dump
Port Disposal Company
Cherokee Disposal Company
Blinn Street Dump

213 & Delores
Main & San Diego Freeway
South of Shell Wilmington Refinery
Wilmington
Paramount (Crosby & Overton)
Wilmington

If further information or clarification of any of the data provided is needed. It would probably be expedient to direct questions directly to R. O'Hare, SSN 629-1526.

Original Signed By
T. E. INNOCENZI

T. E. Innocenzi:

Enclosure

bc: JWA/WHB/RBT

RH/KHT

E/C File 3.34 (Attachments)

Operations

Form Approved OMB No. 2000-0138 EPA Form \$500-1

n 8

Notification of Hazardous Waste Site

United States
Environmental Protection
Agency Washington DC 20460

This initial notification information is required by Saction 103(c) of the Comprehensive Environmental Response, Companisation, and Liability Act of 1980 and must be mailed by June 9, 1981.

1	Person Required to Notify:			
	Enter the name and address of the		Name Shell	Oil Company
	or organization required to notify	<i>'</i> .	SITMI PID. B	0x 6249
			_	81818 CA 210 Cook 90749
<u> </u>	Site Location:			
	Enter the common name (if know actual location of the site.	vn) end	Street 22	K Company 10 5. Azusa
			conWest Covid	14 County LA Siete CA Zip Code
;	Person to Contact.			
	Enter the name, title (if applicable business teleptrone number of the contact regarding information submitted on this form	e), and le pe rson	Prione (213) 8	*OHERE, Richard; Envir. Cons. Mgv. 35-5611
	Dates of Waste Handling:			
	Enter the years that you estimate treatment, storage, or disposal be ended at the site.		From (Year) 196	4 To (Year) 1986
	Waste Type: Choose the option	on you pre	afer to complete	
	Option I: Select general waste ty you do not know the general was encouraged to describe the site in	te types or	SOUTCES, YOU are	Option 2: This option is available to persons familiar with the Resource Conservation and Recovery Act (RCRA) Section 300 regulations (40 CFR Part 261).
	General Type of Waster Place an X in the appropriate boxes The categories listed overlap Check each applicable category.	Source of Place and boxes,	f Waste: X in the appropriate	Specific Type of Waste: EPA has essigned a four-digit number to each hazardous was listed in the regulations under Section 3001 of RCRA. Enter appropriate four-digit number in the boxes provided. A copy the list of hazardous wastes and codes can be obtained by contacting the EPA Region serving the State in which the sit
	1 Marganics	1. D Mir	ning	located
	2, 2 Inorganics	2. 🛭 Cor	nstruction	
	3. Scolvents	3. 🗆 Tex	nilas	
	4. 🗆 Pesticides	4. D Fer	tilizer	
	5. D Heavy metals	5. O Pep	er/Printing	
	6. Bacids	_	ther Tenning	
	7. 🔀 Bases		N/Steel Foundry	
	8. D PCBs		mical, General	
	9. D Mixed Municipal Waste		ling/Polishing	
	10. 🕦 Unknown 11. 🗆 Other (Specify)		itory/Ammunition	
	11. D Other (Specify	12 D Tra	ctrical Conductors	
			ity Companies	
			nitary/Refuse	
		15. D Pho	nofinish	
		16. D Lab	/Hospital	
		17. D Uni	-	
		Petroley	er (Specify)	
	Form Approved OMB No. 2000-0138	Operation	ent	
	FPA form #900-1			

FORM A: CENERAL FACILITY INFORMATION

Co Di F≅	mpany Name: vision/Subsidiary cility Name:	HELL HEMICAL (DIMPANY) INDUSTRIAL CHAMICALS DIVISION DMINOUER FLANT
		45 SOUTH WILMINGTON AUR
	City	State ZIP Code
Ne	me of Person Compl	leting form: ES Temple Ton KTEANTER
		CHEMIST / ARCHASING REPRESENTATIVE
		835-5611
1.		mened 19 <u>316</u> (10-11)
2.	Primary SIC Code	
3.	Estimate the tot sold for use) se USE CMLY TONS IF	al amounts of process wastes (excluding wastes increased by this facility during 1978: POSSIBLE - right justify response thousand gallons
		hundred tons
		thousand cubic yards
4,	Estimate (in who generated in 197	le percents) how these process wastes 8 were disposed of:
		in landfill
		in pit/pond/lagoon
		in deep well
-		incinerated
		reprocessed/recycled
		evaporated
		unknown
	•	other (Specify)
\$.	property where the used for the dis	1 number of known sites (including disposal on the his facility is located as one site) that have been posal of process wastes from this facility since
		ORM "B" FOR EACH OF THE SITES
6.	Have any of the phauled (removed)	process wastes generated at this facility been from this facility for disposal? (Nes-1; no-2)
	IF YES, COMPLET	TE FORM "C"
7,	No you know the a hauled from your	disposal site locations of all of the process waste facility since 1950? (Yes+1; no+1)
		ONE FORM "D" FOR EACH FIRM OR CONTRACTOR
ä.	Specify the earl: or facility recor	lest year represented by information from company ds supplied on this and other forms
9.	Specify the earli	lest year represented by information from employee

	' .					<i>;</i>		
			AT \$1.00\\$,	FINAL			(1-s)
FOR	1 B:	DISPOSAL	SITE INFOR	SATION			- (20 .301 032	-)
Th	IIS F	ACILITY A	us ane site)	RY SITE (INC USED FOR TH ACILITY SINC	E DISPOSAL E 1950.	LOCATION OF OF PROCESS		
Fac:	ility	Name: Sile: <u>Ze</u> of Sile:	PALOS VE 10.	EDES PRIME EDES PRIME STREET	SAMILARY I	1700 + 14 3 6301 6. CR	FILLIAM BLED	REMINE ITIMS
			LOS ANKES	LES COUNTY	state	<i>ਸਾਜੇ</i> ਸ਼ਾਂਸੂ cod	<u>e</u>	
	of (ress:		ile used by		LOS ANGE	445 GUMP	<u>*</u>	
			no.	street				
OTT.	rent (Owner (ii	city different	from above):	STATE	zip cod		
	(622)						_	
•			no.	street				
			city		state	zip cod	ie .	
1. 2.	Outre	rship at	time of use	(l= compan)	/ O-mership;	2 private b	off-site)	_
3.	Curr	ent stati	s (l- close	d: 2= still	in use: 9=d	on't know).	19 1867 19	. [2](12)
4. 5.	Year	1851 1156	ed for proce	ss waste fit	m this faci	lity (enter		_
6.	Total	LAMOUNT TONS ONL	of process	waste from 1 E: thouse hundre	this facility and gallons and tons	y gisposed a	t sate: 	19-26) 30 (27-33)
7.	15 5°	ify type(till in t n't know)	ise (l=curre	sal method(s	:) used at s	ite and whet r in use; 3=	Mener meg! per merpog	
	3-4601	i E Miosi		landf	ill, mixed i	ndustriel ve	te	IT1 (43)
]andfi	ill, drummed	Waste	-01sposed	(44) (45)
				pi t 5/1	onds/lagoon	5	44,444,444	(46)
				deep v	vell injesti	68		1471 (47)
				incin	ration			(2) (49)
				treat	ment (ev. ne	utralicine).	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	191 (50)
				other	(specify)			(\$2)
8.	User: faci:	s of this lities or	site (l=th lly; 3=t his	is facility; company and	, 2-this fac others; 9=0	ility and or on't know) .	her company	(53)

LIST NAMES AND ADDRESSES OF OTHER KNOWN USERS BELOW

Components (or characteristics) of process waste from this facility disposed at site: (Impresent in waste; 2-not present in waste; 2-don't know)

FILL IN EVERY BLOCK SPACE

Acid solutions, with pH<3.,,	
	(10)
pickling liquor	(11)
metal nigring waste	(12)
metal plating waste	(7.7)
include et all grants and a second se	(13)
inorganic acid manufacture	(14)
organic acid manufacture	(15)
Pase solutions, with pM>12	(161
caustic sods manufacture	(17)
nylon and similar polymer generation	(10)
and he are the	(10)
scrubber residual	(19)
Heavy metals & trace metals (bonded organically & inorganically)	(20)
arsenic, selenium, antimony	(21)
mercury	(22)
iron, mangamese, magnesium	1331
aide andries and a character for the first of	(23)
zinc, cadmium, copper, chromium (trivalent)	
chronium (hexavalent)	(25)
lead	(26)
Radioactive residues. >50pico curies/oram	(27)
uranium residuals & residuals for UF6 recycling	(28)
lathanide series elements and rare earth salts	Z9)
Thornhare also	
phosphate slag	(30)
thorium	(31)
radium	[32]
other alpha, beta & gamma emitters	33)
	341
	:: . :
insecticions & intermediates,	(35)
herbicides & intermediates	(30)
fungicides & intermediates	(37)
	(38)
	(30)
	40)
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amides, amines, imides plastizers resins elastumers solvents polar (except water) carhometrachloride trichloroethylene other solvents monupular solvents halogenated aliphatic solvents halogenated aromatic eils and oil sludges esters and ethers alcohols ketones & sldehydes dioxins lnorganice	42) 43) 44) 45) 46) 47) 48) 49) 51) 52) 53) 54) 55)
amides, amines, imides plastizers resins elastumers solvents polar (except water) carhomtetrachloride trichloroethylene other solvents numpular solvents halogenated aliphatic solvents halogenated aromatic cits and cit sludges esters and ethers alcohols ketones & sldehydes dioxins lnorganics solts	42) 43) 44) 45) 46) 47) 48) 51) 51) 53) 55) 55) 55)
amides, amines, imides plastizers resins elastumers solvents polar (except water) carhomtetrachloride trichloroethylene other solvents mompular solvents halogenated aliphatic solvents halogenated aromatic cits and cit studges esters and ethers alcohols ketones & sldehydes dioxins lnorganics solts	42) 43) 44) 45) 46) 47) 48) 51) 551) 553) 557) 557) 558)
amides, amines, imides plastizers resins elastumers solvents polar (except water) carhomtetrachloride trichloroethylene other solvents mompular solvents halogenated aliphatic solvents halogenated aromatic cits and cit studges esters and ethers alcohols ketones & sldehydes dioxins lnorganics solts	42) 43) 44) 45) 46) 47) 48) 48) 552) 553) 553) 556) 559)
amides, amines, imides plastizers resins elastumers solvents polar (except water) carhometrachloride trichloroethylene other solvents mompular solvents halogenated aliphatic cils and oil sludges esters and ethers alcohols ketones & aldehydes dioxins Inorganics solts mercaptans Hisc	42) 43) 44) 45) 47) 48) 48) 51) 552) 553) 5560) 61)
amides, amines, imides plastizers resins elastumers solvents polar (except water) carhometrachloride trichloroethylene other solvents monpular solvents halogenated aliphatic solvents halogenated aromatic oils and oil sludges esters and ethers alcohols ketones & sldehydes dioxins Inorganice solts mercaptans Hisc. Tharmaceutical wastes	42) 43) 45) 45) 47) 478 478 478 478 478 478 478 478 478 478
amides, amines, imides plastizers resins elastumers solvents polar (except water) carhometrachloride trichloroethylene other solvents monupular solvents halogenated aliphatic solvents halogenated aromatic cils and cil sludges esters and ethers alcohols ketones & sldehydes dicarins lnorganice solts mercaptans lightharmaceutical wastes paints & pigments	42) 43) 45) 467) 467) 489) 489) 5555 557) 560) 661) 662)
amides, amines, imides plastizers resins elastumers solvents polar (except water) carhometrachloride trichloroethylene other solvents monupular solvents halogenated aliphatic solvents halogenated aromatic cils and cil sludges esters and ethers alcohols katones & sldehydes dioxins Inorganics solts mercaptans Misc pharmaceutical wastes paints & pigments cetalysts (eg. vanadium, platinum, palladium) [2]	42) 43) 45) 45) 47) 47) 47) 47) 47) 551) 5536) 5536) 661)
amides, amines, imides plastizers resins clastumers clastumers solvents polar (except water) carhometrachloride trichloroethylene other solvents monpular solvents halogenated aliphatic solvents halogenated aliphatic cils and oil sludges esters and ethers alcohols ketones & sldehydes dicxins lnorganics solts mercaptans Misc pharmaceutical wastes paints & pigments Getalysts (eg. vanadium, platinum, palladium) athernes	42) 43) 45) 47) 48) 552) 553) 556) 560) 662)
amides, amines, imides plastizers resins clastumers clastumers solvents polar (except water) carhometrachloride trichloroethylene other solvents monpular solvents halogenated aliphatic solvents halogenated aliphatic cils and oil sludges esters and ethers alcohols ketones & sldehydes dioxins Inorganics solts mercaptans Misc. pharmaceutical wastes paints & pigments Cetalysts (eg. vanadium, platinum, palladium) asbestos shock sensitive wastes (eg. nitrated toluenes)	423) 4444) 450) 4478 4489) 555555555555555555555555555555555555
amides, amines, imides plastizers resins clastumers clastumers solvents polar (except water) carhometrachloride trichloroethylene other solvents monpular solvents halogenated aliphatic solvents halogenated aliphatic cils and oil sludges esters and ethers alcohols ketones & sldehydes dioxins Inorganics solts mercaptans Misc. pharmaceutical wastes paints & pigments Cetalysts (eg. vanadium, platinum, palladium) asbestos shock sensitive wastes (eg. nitrated toluenes)	42) 443) 445) 447) 4489 447) 5512) 5555 570 661) 6666 6666 6666
amides, amines, imides plastizers resins elastumers solvents polar (except water) carhometrachloride trichloroethylene other solvents monupular solvents halogenated aliphatic solvents halogenated aromatic oils and oil sludges esters and ethers alcohols ketones & aldehydes dioxins Inorganice solts mercaptans Misc. pharmaceutical wastes paints & pigments Getalysts (eg. vanadium, platinum, palladium) asbestos shock sensitive wastes (eg. nitrated toluenes) air water reactive wastes (eg. Pa. aluminum chloride)	443) 444) 444) 444) 444 444 444 444 444
amides, amines, imides plastizers resins elastumers solvents polar (except water) carhometrachloride trichloroethylene other solvents monupular solvents halogenated aliphatic solvents halogenated aromatic cits and oil sludges esters and ethers alcohols ketones & sldehydes dioxins lnorganics solts mercaptans Misc. pharmaceutical wastes paints & pigments Getalysts (eg. vanadium, platinum, palladium) asbestos shock sensitive wastes (eg. nitrated toluenes) air water reactive wastes (eg. P4, aluminum chloride)	42) 443) 445) 447) 4489 447) 5512) 5555 570 661) 6666 6666 6666

FORM B: DISPOSAL SITE INFORMATION

COMPLETE THIS PORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

Con	TRANY Name: SHELL CHEMICAL CEMPANYDIVIZIONISIOSTY MOUSTRON (HANKAD)
Fac	this Manual (American Access
Nan	me of Site: Los ANGELES SANATAILY LANDACE, CALABIASAS
Add	THE OF SITE: LOS ANGELES TANETHING LANDELL, CALAGIASAS THE OF SITE: 26019 WEST VENTURA FREEWRY REQUER CALAGIASAS TO STEET
	pu. steet
	Los Ances os County Cal-
	city state zip code
Nan	te of Omer (while used by facility): Los AMERLES COUNTY
Add	ress:ASAS
	no street
	LUS ATTERELES COUNTY CALLE ZIP EOCC
	city state zip code
Out	rrent Owner (if different from above):
	iress;
7 600	no. street
	city state zip code
	city state in code
2. 3. 4. 5. 6.	company ownership) 3-public ownership (adom't know) [3] (11) Current status (1- closed; 2- still in use; 9-dom't know) [2] (12) IF CLOSED, specify year closed [19] [19] (12-14) Year first used for process waste from this facility [19] [19] (15-16) Year last used for process waste from this facility (enter "79" if still in use) [19] (17-18)
8.	landfill, mixed industrial waste (43) landfill, drummed waste (74) landfill, mmicipal refuse co-disposed (74) pits/ponds/lagnoms (74) deep well injection (74) land farming (74) incineration (74) treatment (eg. neutralizing) (74) treatment (eg. neutralizing) (75) cother (specify) (52) Users of this site (1-this facility 2-this facility and other company
	facilities only; 3-this company and others; 9-don't know)

FORT S CONTINUED ON SECOND TAGE

Site Name: LOS ANGELES COUNTY SANITARY LANDELL, CALARSASAS

 Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know)

FILL IN EVERY BLOCK SPACE

A_4	. 1.	(10)
Acid solutions, with ph<3	1/1	(16)
pickling liquor	احتا	(11)
metal placing waste	12	(12)
circuit etchings	121	(13)
inorganic acid manufacture	174	(14)
organic acid manufacture	-	(15)
Base solutions, with pH>12	121	(16)
caustic soda manufacture	ص	(1.5)
caustic some manusacture	لتا	
nylun and similar polymer generation	لغا	(18)
Scrubber residual Heavy merals & trace metals (bonded organically & inorganically)	ש	(19)
 Heavy merals & trace metals (bonded organically & inorganically) 	171	(20)
arsenic, selenium, antimony	in.	(21)
mercury		
iron, manganese, magnesium		
linc, Cadmium, copper, Chromium (trivalent)	\mathcal{H}	(24)
chronium (hexavalent)	ب	120
Chromium (hexavaient)	\mathbf{z}	
lead	كثا	(26)
Radioactive residues,>30pico curies/gram	121	(27)
Radioactive residues, >50pico curies/gram uranium residuals & residuals for UF6 recycling	124	(28)
lathanide series elements and rare earth salts	124	(29)
nhosphate slag	13.	(30)
thorium	17	(31)
radium		(32)
other alphs, beta & gamma emitters		2335
Organics		[34]
insecticides & intermediates	12	(35)
herbicides & intermediates		
fungicides & intermediates	四	(37)
rodenticides & intermediates	121	(38)
halogenated aliphatics	17.1	(39)
halogenated aromatics	177	(4ní
acrylates & latex emulsions		
PCB/PRB's		
amides, amines, imides	إلكا	
amines, imiges	W	(43)
plastizers		(44)
resins	العا	
elastoners	121	(46)
solvents polsr (except water)	国:	(47)
carbontetrachloride	121	(48)
trichloroethylene	121 (49)
other solvents nonpolar	121	(50)
solvents halogenated aliphatic	3	51)
solvents halogenated aromatic	9	32)
oils and oil sludges	9	(53)
esters and ethers	Щ	54)
esters and ediers	؛ بجز	(55)
slcohols	رس	,
Retones (alternates	ركن	(56)
dioxins	والمرا	(57)
Inorganics	121	58)
salts	וצו י	(59)
mercaptons	124	(60)
Misc	70	61)
pharmaceutical wastes	121	62)
baints & bioments	12	
paints & pigmentscatalysts (eg. vanadium, platinum, palladium)		(64)
e-carlace (cf. Amisoton) brattimal battacton)	ر ک ا	CEN.
show a marketing and the contract of the contr	٠ ك	(65)
asbestos shock sensitive wastes (eg. nitrated tolornes) air water reactive wastes (eg. Pg. aluminum chloride)	۽ خيتا	66)
water reactive wastes (eg. ra, aluminum chioride)	أسوي	0/)
wastes with flash point below 100° F	. ك	68)

FORM B: DISPOSAL SITE INFORMATION

COMPLETE THIS HUM! FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

				, ,
pany Name:	SHELL (HEMICAL COOLS	784: + 102/513ci2i	יות אין לאח שיים טובעלי די
llity Name: e of Site:	num	MEGUAZO MEGY	Y. 7	., (==== / 4
e of Site:	CALIFO	MAIA SALVAGE	£ (w)	
ress of 51t		RTH LAGOUN ST	90744	
	no.	street		
	JAN PEN	no Aug		
	city	state	zip code	
		/1/1/	- de Coul de C	Care S
of Owner	(while used by	facility): 6 H Hus	- 1-4/30A	W-1-1-
E33:	2/7 No.			
		_ _ _		
رصک	in Periaco	SOLF	90744	
	city	state	zip code	
ent Owner	(if different i	from above):		
ess:				
	no.	street		
	city	state	zip code	
Ownership company o- Current st	at time of use mership) 3-publicatus (1- closed IF CLOSED, spec	y on which facility is (1= company ownership, lic ownership 9=don't d; 2= still in use; 9=c cify year closed	knew)	or [2] (11) [2] (12) 19 [] (13-)
Ownership company on Current st Year first Year last atill in w Total amou USE TUNS (Right just	at time of use mership) 3-publicatus (1- closed IF CLOSED, spec used for procesuse)	(1= company ownership. 11: ownership 9=don't d; 2= still in use; 9=do: cify year closed ess waste from this fact ss waste from this facilit E: thousand gallons hundred tons thousand cubic y sal method(s) used at ;	Zeprivate but n knew	or (11) (12) (13- 15- 15 (15- 15 (17-
Ownership company or Current st Year first Year last atill in a Total amou USE TUNS (Right just Specify ty is still i	at time of use mership) 3-publicatus (1- closed IF CLOSED, speci used for procesuse)	(1= company ownership. 11: ownership 9=don't d; 2= still in use; 9=docify year closed ess waste from this faciss waste from this facilit E: thousand galluns hundred tons thousand cubic year sal method(s) used at a ntly in use; 2=no longer	Zeprivate but n know	or (2) (11) (12) (13) (15- if (19) (17- to: (19) (27- hethod r used;
Ownership company o- Current st Year first Year last still in a Total amou USE TONS (Right just Sommify by	at time of use mership) 3-publicatus (1- closed IF CLOSED, speci used for procesuse)	(1= company ownership. 11: ownership 9=don't d; 2= still in use; 9=do: cify year closed ess waste from this fact ss waste from this facilit E: thousand gallons hundred tons thousand cubic y sal method(s) used at ;	2 private but n know	(11) (12) (13) (15) (15) (16) (17) (17) (17) (17) (19) (17) (27) (11) (27) (21) (24) (24) (24) (24) (24) (24) (24) (24

FORM B - Page 2	<u>1187</u>
Company Name: Jake Division/Subsidian	HEMICAL COMPANY ISTRIPH CHEMICALS DV DOMINGUEZ PENNT
Facility Name:	DMINGUEZ PONT
Site Namo: (ALIFOR	MA SALVAGE CO

(2C NOT USE) (1-5)

 Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know)

FILL IN EVERY BLOCK SPACE

Acid solutions, with pH<3	. 1.	(10)
Acid solutions, with productions	ں ،	(10)
pickling liquor	· (24	CII
metal plating waste	. 2	(1Z)
circuit etchines	الخا	(13)
inorganic acid manufacture	لغا	(14)
organic soid manufacture		(15)
Base solutions, with pH>12	1	(10)
caustic soda manufacture	124	(17)
nylon and similar polymer germaration	121	(18)
nylon and similar polymer generation serubber residual	121	(19)
Heavy metals & trace metals (builded organically & inorganically)	. 171	(20)
arsenic, selenium, antimony	H	
nercury	17	(72)
iron, manganese, magnesium	1/1	(23)
sine, cadmium, copper, chronium (trivalent)	141	2245
chromium (hexavalent)	15.	751
lead	4	26)
Radinactive residues, >Sopico curies/gram	3	(27)
uranium residuals & residuals for UF6 recycling		(28)
lathanide series elements and race earth salts		791
phosphate slag		(20)
phosphate stag	4	
thorium	بعا	(31)
radium	<u></u>	(32)
other alpha, beta & gamma emitters	13	
Organics	עו	(34)
insecticides & intermediates		(35)
herbicides & intermediates	124	(36)
fungicides & intermediates	124	(37)
rodenticides & intermediates	T ₄	(38)
halogenated aliphatics	$\overline{\mathbf{D}}$	(39)
halogenated aromatics	12-1	(40)
acrylates & lotex conditions PCB/PBB's	ī	(41)
PCB/PRB's	iu.	(42)
amides, amines, imides	171	(43)
plastizers	121	(44)
fesins	124	(45)
elastomers	124	(46)
solvents polar (except water)	15	47)
carbontetrachloride	124	(48)
trichloroethylene		49)
other solvents nonpolar	171	50)
solvents halogenated aliphatic	12.1	(11)
solvents halogenated aromatic		(52)
oils and oil sludges	5	(53)
esters and ethers	17	54)
#lcohols	4	(\$5)
ketones & aldehydes	\mathcal{L}	56)
diavina		1291
Inorganics		58)
salts	174	59)
mercaptans		601
Misc	17:	61)
pharmaceutinal vastes	14	62)
paints & pigments	12	63)
Catalysts (eg. vanadium, platinum, palladium)	؛ بي	64)
Asbestos	ر ب ندا ر	65)
Shock sensitive wastes (eg. nitrated toluenes)	ر جي	46)
air water reactive wastes (eg. Pa, aluminum chloride)	۳.	(00) (7)
wastes with flash point below 100° F	4	68)
HACCES MERIL PERSON NOTION TON LITTLE STATE STAT	ω	68)

FORM B: DISPOSAL SITE INFORMATION

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE	LOCATION OF
THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL	
WASTES GENERATED BY THIS FACILITY SINCE 1950.	

me of Site:	Doming	SUBZ PLANT		_
lce of fie	- CASIN E	HPRODUCTS CO	<u>mrant</u>	
11632 01 310	no.	street		
			0.744	
	WILM	CAA.	717.620	
	city	36866	210 (00)	
e of Owner	(while used by f	acility): CHAMERIC	ove & Cropped	
	831 F			
	no.	street		
1,	/// 44	CRI	00744	
	City	CRL. State	zip code	
	(if different fr	on above):		
ress:	no.	street		
	city	state	zip code	
Year first	IF CLOSED, speci- used for process	<pre>2 still in use; 9=do fy year closed s waste from this faci waste from this facil</pre>	12 (enter "79" if) (12)) (13-14)) (15-16)
Year first Year last of still in u Total amoun USE TONS O Right just Specify type	IF CLOSED, speciused for processused for process se)	2° still in use; 9°do fy year closed s waste from this facil waste from this facil ste from this facility thousand gallons thousand cubic yar 1 method(s) used at si	19619 1ity 19619 1ity (enter "79" if 2isposed at site:) (12)) (13-14)) (15-16) () (17-18)) (19-26)) (27-53)

Company

Company Name: SHELL CHEMICAL COMP Division/Subsidian HOUSTRIAL CHEMIC Facility Name: BOMINGUET PLANT

Site Name: Basin Bu Book To Company

 Components (or characteristics) of process waste from this facility disposed at site: (1-present in waste; 2-not present in waste; 9-don't know)

FILL IN EVERY BLOCK SPACE

	,	
Acid solutions, with pH<3	-1/1	(10)
pickling liquor	121	(11)
metal plating waste	12	(12)
circuit etchings	. 124	(13)
inorganic acid manufacture	្សា	(14)
organic soid manufacture	122	(15)
Base solutions, with pH>12	124	(16)
caustic soda manufacture	<u>ر</u>	(17)
nylon and similar nolymer deneration	53	กับครับ
scrubder residual		(19)
Heavy metals & trace metals (bonded organically & inorganically)	ш.	(20)
arsenic, selenium, antimony	14	
alsolut, selenium, alitumny	171	(21)
mercury	ᄖ	(22)
iron, manganese, magnesium	Ш	(23)
zinc, cadmium, copper, chromium (trivalent)	Y	(24)
chromium (hexavalent)	كا	(25)
lead	14	(26)
Radioactive residues, >50pico curies/gram	الخيا	(27)
uranium residuals & residuals for UF6 recycling	<u> </u>	(28)
lathanide Series elements and rare earth salts	\mathcal{L}	(29)
phosphate slag ,	L	
thorium		(31)
radium	لاا	(32)
other alpha, bets & gamma emitters	ध	
Organics	Ш	(34)
insecticides & intermediates		
herbicides & intermediates	121	(36)
fungicides & intermediates	171	(37)
rodenticides & intermediates	1 ₂	(38)
halogenated aliphatics	173	(39)
halogenated atomatics	121	(40)
acrylates & latex emulsions	121	(41)
PCB/PRB's	174	(42)
amides, amines, imides		(43)
plastizers		(44)
resins		(45)
elastomers	157	46)
Solvents molar (except water)	151	47)
carbontetrachloride	137	(48)
trichloroethylene		
other solvents nonpolar	التا	50)
solvents halogenated aliphatic	درا	
solvents halogenated aromatic	9	(52)
oils and oil sludges	19	(\$3)
esters and others	W	\$4)
alcohols	<i>H</i> .	
ketones & aldehydes	Ψ,	(56)
dioxins	8	57)
Inorganics		
Inorganics salts	127	591
mercaptans		60)
Misc	<u> </u>	611
pharmaceutical wastes		62)
paints & pignents		
Catalysts (ee. vanadium, mlatinum, malladium)	17.1	(64)
Echestee :-	ر ت	651
Asbestos Shock sensitive wastes (eg. nitrated toluenes) air water reactive wastes (eg. P4, aluminum chloride) wastes with flash point below 100° F.	اصا	(68)
of the repressed for D. elimina obtains	[년]	671
was water reactive meaner (eg. rd, significan chitoriae)	سمحت	401
AUSTRO MITHI TITOU DATHE OCTOM TOO. L'ATTENNIANT L'ATTENNIANT L'ATTENNIANT DE LA CONTRACTOR	1/1.	00)

FORM B: DISPOSAL SITE INFORMATION

COMPLETE THIS	PORM FOR EVERY	SITE (INCLUDING THE	LOCATION OF
THIS FACILITY	AS ONE SITE) US	SED FOR THE DISPOSAL	OF PROCESS
NASTES CENERAL	TED BY THIS FACT	LITY SINCE 1950.	

, ,	<u> </u>		_
Company Name: SHELL CHAMIC	che rembusion	<u>ing sing (Spheidi</u> a	T INDUSPRIAL LAGUIC
Facility Name: ADMINGUE			
Name of Site: BKK	<u></u>		
Address of Site: 2210 AZI	TSA AUX		
no.	treet		
Wist Cov	INA ALIE	91722	
CITY CITY	state	zip code	
•	0,410	7	
Name of Owner (while used by faci	Dityl: /JAJIAI	ou & Car	X 14
Address: 3031 EAST 1	STREET	-	,
	reet		
/IVV		6011	
WILMING TON City	CALIF	40744	
city	state	721p code	
•			
Current O-mer (if different from	acove).		
Address:	reet		
no, si	.166.0		
city	state	zip code	
·			
 Ownership at time of use (1= company ownership) 3=public of 3. Current status (1= closed; 2= IF CLOSED, specify 4. Year first used for process was still in use)	mership 9-don't k still in use; 9-do year closed easte from this faciliste from this facility from this facility thousand gallons hundred tons thousand cubic yar method(s) used at si	new) n't know) lity .ity (enter "79" disposed at si	Z (11) Z (12) (12) (13-14) (15-16) (15-16) (17-18) (17-1
	landfill, mono inclandfill, mixed in landfill, drumed landfill, municipa pits/ponds/lagoons deep well injectic land farming incineration treatment (eg. neuroprocessing/recyclother (specify)	dustrial waste waste waste waste ordise condise or ordinary waste condise or ordinary waste ordi	(43) (44) (44) (45) (7) (45) (7) (47) (47) (48) (7) (49) (50) (7) (51) (7) (52)
8. Users of this site (lathis fa facilities only; 3-this compa	eility; 2=this fact my and others; 9=do	Tity and other on't know)	Company

FORM E CONTINUED ON SECOND PAGE

FON. D: SUPPLEMENTAL HAULER INFORMATION CUMPLETE THIS FURN FUR EACH FIRM OR INDEFENDENT CONTRACTOR. (TA- CLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT	
Company Name: SHELL HAMICAL COMPANYDIVISION/SUISIDIARY IND CHUM. DE FACILITY Name: DOMINE OFFIC PLANT Name of Hauling Firm/Contractor: HARBER (HOLUM TRUE SERVICE Address: (no.) UNK (street) [City] UNK (state) UNK (zip code) UNK	<i>:</i>
1. Year first used	

	
FORM DE SUPPLEMENTAL HAULER INFORMATION	11.5.5
	(1-8)
FURNISHED THIS FORM FOR EACH FIRM OR INDEPENDENT	DIARIES VEO
COMPLETE THIS FORM FOR EACH FIRM OR INDEPENDENT CLEDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSI REMOVED PROCESS WASTE FROM THIS FACILITY SINCE I	950 AND TOOK IT
TO AN UNKNOWN LOCATION	
The state of	
Company Name: Dr / ELL (#304/696 (a)	aportivision ruleidiary (NO Com Da
Facility Name: DomingOver Plan Name of Hauling Firm/Contractor: APRI II	3/
Address: (no.) UNK (street) UNK	ACUNE TRULK SERVICE
(city) UNK (state) UNK	(21p code) UNK
	Not seen block
1. Year first used	7.3
2. Year last used (enter "79" if still in use)	BE-6086 1973 197.3. (12-13)
3. Total amount of process waste hauled from th	15 facility:
	lons
Right justify response hundred tons	
വാനു വിധാന വ	ic yards [] [] [] [(29-36)
 Components (or characteristics) of process w 	aste from this facility disposed
at site: (lepresent in waste; 2-not present	in Waste; 9*don't know);
FILL IN EVERY BLOCK SPACE	
Acid solutions, with pH<3	
pickline liguor	
metal plating waste	
circuit etchings	<u>F</u> (40)
inorganic acid manufacture	
Base solutions, with pH>12	1. (43)
caustic sods manufacture	121 (44)
nylon and similar polymer generation	(45)
Scruber residual	
Heavy metals & trace metals (bonded organica	lly & inorganically) [(; (47)
arsenic selenium, antimony	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
BEICHTY	
1ron, manganese, magnesium	$\widetilde{\omega}_{0}$
zinc, cadmium, copper, chronium (trivale	ht) $lz(\frac{51}{52})$
chronium (hexavalent)	
Radioactive residues, >50pico curies/ gram .	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
uranium residuals & residuals for UF6 re lathanide series elements and rare ea.th	••1•• (56)
phosphate slag	13 (57)
thorium	(38)
radium	
other siphs, bets & gamma emitters	(60)
Organics	[/] (61)
insecticides & intermediates	
herbicides & intermediates	
fungicides & intermediates	
hilogenated aliphatics	13, 66)
halogenated atomatics	(7)
halogenated aromatics acrylates & latex smulsions PCB/FBB's	(08)
PCB/FBB's	
Emides Emilies likides	
plastizers	······································
meine	
clastemers	(74)
solvents polar (except water)	(75)
earbontafrachloride trichloroethylene	(75)
other solvents nonpolar	12 (77)
solvents halogenated aliphatic	78)
solvents halosenated aromatic	[79] [1 [80]
mile and oil sludges	
esters and others	$ \underbrace{\mathbf{\mathcal{I}}_{\mathbf{i}}^{(11)}}_{\mathbf{i}} $
alcohols	2.03
dioxins	(L)
Inorganics	
Anits	
Mercantans	(17)
Micc	(18)
pharmaceutical wastes	······································
paints 6 pigments	$\mathcal{L}^{(2)}$
catalysts (eg. vanadium, platinum, pallac	(元) ······ [五(元)
Asbestos	(ange)
shock sensitive wastes (eg. nitrated tolt sir water reactive wastes (eg. Pr., alumin	("")
martes with b coint helms inco F	(25) [] [7]

	
TORM D: SUPPLEMENTAL HAULER INFORMATION	
	(1-5)
COMPLETE THIS YORN FOR EACH FIRM OR INDEPENDES CLUDING YOUR OWN COMPANY, ITS AFFILIATES & SHE PEMOVED PROCESS WASTE FROM THIS FACILITY SINCE	STOTARTES) VAO
PEMOVED PROCESS WASTE FROM THIS FACILITY SINCE	1950 AND TOOK 11
TO AN UNKNOWN LOCATION	,
Company Name: SHELL HAMICAL	AMPARASION/Sutsidiary LAID COE IN DIE
Facility Name: Dominiculas	PLANT
Facility Name: Dn MINGUES Name of Hauling Firm/Contractor: E/X Address: (no.) 233 E. (street) D. 37	BRAIN
Address: (no.) 233 E. (street) D sr	
(city) WIAMI (state) PAL	(zip code) 90 144
Recare .	673
1. Year litst used	7.6.72.26.22 7.6.33 191 [2] (10-11)
 Year last used (enter "79" if still in use) Total amount of process waste hauled from the 	1. (12-13)
	11 ons
Right justify response hundred to	1 1 1 1 1 (22-28)
thousand co	bic yards (29-36)
a. Components (or characteristics) of process	waste from this facility disposed
at site: (1-present in waste; 2-not present	in waste: 9=don't know):
FILL IN EVERY BLOCK SPACE	
Acid solutions, with pH<3	<u>[</u>] (37)
mickling light	
metal plating waste circuit etchings	, <u>(</u> 39)
inorganic acid manufacture	(40)
organic sold manufacture	(421
Base solutions, with pH>12	1/1(43)
caustic soda manufacture	174 (44)
nylon and similar polymer generation	
acmbber residual	
Heavy metals & trace metals (bonded organic	ally & inorganically) [/] (47)
arsenic, selenium, antimony	
iron, manganese, magnesium	(4.0)
zinc. cadmium, copper, chromium (trival	ent)
chronium (hexavalent)	
lead	
Radioactive residues, >50pico curies/ gram	······································
uranium residuals & residuals for UF6 r	ကေးပါတ်။ <u>ဩ</u> (၁၄)
lathenida series elements and tare wart	
phosphate slag	13 (68)
radium	
other alpha, beta & gamma emitters	(60)
Organics	(61)
insecticides & intermediates	······· <u></u> 2 (67)
herbicides & intermediates ,	······································
fungicides & intermediates	
hilogenated aliphatics	(56)
halovenated argmatics	
nervistes & latex emilsions	(58)
POD/PBB's	(60)
amides, mmines, imidesplastizars	······································
resins	12 (72)
elastomers	(73)
solvents polar (except water)	\widetilde{I}_{I}
carbontetrachloride	
trichloroethylene	
other solvents numpolarsolvents halogenated aliphatic	(78)
solvents halogenated atomatic	(79) الحرار (79) الحرار (79)
oils and oil sludges	\overline{I} (10)
esters and ethers	<u>F</u> (11)
alcohols	
ketones & aldehydes	······································
Inorganics	
salts	12 (16)
mercaptans	
Mise	(18)
pharmaceutical wastes	(19)
paints & pigments	(20)
catalysts (eg. vanadium, platinum, palls	(FL)
asbestosshock sensitive wastes (eg. nitrated to)	uenes) (23)
Fir water reactive wastes (eg. Pr. alumi	num chlemice)
2000	in inchiation

	
FOR DE SUPPLEMENTAL HAULER INFORMATION	
	(1-8)
CLUDING YOUR OWN COMMANY, ITS AFFILIATES & SUBSIDIARIES) WHO REHOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT	U3E) .
TO AN LAKNOWN LOCATION	
Company Name: Sitell Cite Miche Companyivision/Sutsidiary/ND	(44. 3.1
Facility Name: Donningue Part	CHEIS DIV
Company Name: Site Citable Company ivision/Sutsidiary / Name: Soning God Page 1 Name of Houling Firm Contractor: V & Concents Co	•
Address: (no.) 1/3/8 (street) DEN/VI	
state CAL (21p code) 40744	
1. Year first used BEFORE 1979 195	(3) (30.30)
1. Year first used	[P] (10-11) [3] (12-13)
3. Total amount of process waste hauled from this facility:	1.2) (11-13)
USE TONS ONLY IF POSSIBLE thousand gallons	[[(14-21)
Right justify response hundred tons	1 (22-28)
thousand cubic yards 1 1 1 1 1 1 4 4. Components (or characteristics) of process waste from this facility dispose	(29-36)
 Components (or characteristics) of process waste from this facility dispose at site: (1-present in waste; 2-not present in waste; 9-don't know); 	•<
FILL IN EVERY BLOCK SPACE	
Acid solutions, with pH<3	1 /1 /373
pickling liquot	(38)
metal plating waste	运 (39)
circuit etchings	(40)
inorpanic acid manufacture	1 - (4))
organic acid manufacture	
Base solutions, with pH>12	
coustic sods manufacture	(2) (S)
nvlom and similar polymer generation	124 (46)
Heavy metals & trace metals (bonded organically & inorganically)	7. (47)
arsemic, selenium, antimony	l>1 (48)
mercury	(49)
iron, manganese, magnesium	☑ (50)
zinc, cadmium, copper, chromium (trivalent)	얼띯
chromium (hexavalent)	(3)
Radioactive residues, >50 pico curies/ gram	15 (54)
uranium residuals & residuals for UFA recycling	(۵۶) او آ
lathanide series elements and rare earth salts	(56)
phosphate slag	[24 (\$?)
thoriumradium	! > + }?8 {
other alpha, beta & gamma emitters	12, (60)
Organics	(61)
insecticides & intermediates	(CZ)
herbicides & intermediates	
fungicides & intermediates	
redenticides & intermediates h.logenated alighatics	(00)
helogonated aronatics	(67)
activities 6 later emulsions	(58)
PCE/PRE's	73 (69)
amides, amines, imides plastizers	رين يد
resins	21 (72)
elastaners	是 [73]
solvents Dolar (except water)	7, (74)
carbontetrachloride	34 (75)
trichloroethylene	<u>과</u> (76)
other solvents nonpolar solvents halogenated aliphatic	
solvents halogenated aromatic	79) In K80
oils and oil sludges	<i>i</i> (10) ——
esters and ethers	도 (!!)
slcoho)\$	᠘(½)
ketone & aldehydes	483
Inorganics	元 語
salts	<u>7</u> 1 (16)
mcrcaptans	五(1 ²)
Misc	T. (18)
pharmaceutical wastes	<u>Z</u> J (19)
paints & pigments catalysts (eg. vanadium, platinum, palladium)	الان) (21)
asbestos	= α21
shock sensitive wastes (ep. nitrated toluenes)	ZZ (23)
eir uster reactive wastes (eg. Pg. aluminum chloride)	<u>도</u> (24)
meatax with Flack motion bullet 1646 C	- (3c) 1 - Fc o

1 C 4

FORM D: SUPPLEMENTAL HAULER INFORMATION (1-8)
CONTRACTOR THE PURE THE FACE FIRE ON INDEPENDENT CONTRACTOR (IN-) (TO NOT USE)
COMPLETE THIS FIRE THE EACH FIRM ON INDEPENDENT CONTRACTOR (IN- CLUDING YOUR OWN COMPANY, 175 AFFILIATES & SUBSIDIARIES) NHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT
TO AN UNKNOWN LOCATION
Facility Name: Domingual PLANT
Name of Hauling Firm/Contractor: ROUTH TOAHSPORTATION
Address (no.) 800 (4) (Street) 15 7% (7)
(city) LONG BEACH (state) EAL (zip code) 95813
BEEDOK 1629
1. Year first used
3. Total amount of process waste hauled from this facility:
HISE TONS ONLY IF POSSIBLE - thousand gallons
Right justify response hundred tons
thousand cubic yards [[] [] [29-36] 4. Components (or characteristics) of process waste from this facility disposed
at site: (1-present in waste; 2-not present in waste; 9-don't know):
FILL IN EVERY BLOCK SPACE
Acid solutions, with pi(<3
michling 16mme
metal plating waste
inorganic acid manufacture ,
organie acid manufacture
Base solutions, with pH>12
eaustic sode manufacture
serubber residual
Heavy metals & trace metals (bonded organically & inorganically)
arsenic selenium antimony
mercury
iron, manganese, magnesium
chromium (hexavalent)
Tead
Radioactive residues, > 50 pico curies/ gram
lathanide series elements and rare earth salts
phosphate slag [\frac{1}{2} (57)
therium [5] (58)
radium
Organics
insecticides & intermediates
herbicides & intermediates
fungicides & intermediates
hiogenated alighatics
halogenated aromatics
acrylates & latex emilisions
anides amines inides
plastizers
resins (72) elastemers (73)
solvents polar (except water)
carbontetrachloride
trichloroethylene
ether solvents nonpolar
Entwents halpsenated aromatic
oils and oil sludges
esters and ethers
alcahols
diorins
Inorganics
salts
mercaptans (2+(17) Nisc (7)
pharmaceutical wastes
paints & pigments (20) Catalysts (eg. vanedium, platinum, palledium) [5 (21)
Catalysts (eg. vanedium, platinum, palladium)
shork sensitive wastes (eg. nitrated toluenes)
eir water reactive wastes (eg. Pr. aluminum chloride)
mastes with flesh soint below 1000 F.

FORM D: SUPPLEMENTAL HAUSER INFORMATION (1-8)
COMPLETE THIS FURN FUR EACH FIRM OR INDEPENDENT CONTRACTOR (IN- CLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT TO AN UNKNOWN LOCATION
Company Name: SHELL CHEMICAL COMPANYDIVISION/Subsidiary / AID CHEM DID Facility Name: AOMINACURE PLANT Name of Hauling Firm/Contractor: LUESTERH REDID Address: (no.) 401 (street) SAN FRANCISES (City) GROENB (State) EAL (zip code) 90247
207/2001
1. Year first used
USE TONS ONLY IF POSSIBLE- Right justify response thousand gallons
4. Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know): FILL IN EVERY BLOCK SPACE
Acid solutions, with pH<3
metal plating waste [25] (39)
circuit etchings
organic acid manufacture
caustic sods manufacture
nylon and similar polymer generation
Heavy metals & trace metals (bonded organically & inorganically)
arseric, selenium, antimony
iron manganese magnesium
zinc, cadmium, copper, chromium (trivalent)
lead 🔁 (53)
Radioactive residues, >50pico curies/ gram
lathanide series elements and rare earth salts
phosphate slag
radium
other alpha, beta & gamma emitters
insecticides & intermediates [62]
herbicides & intermediates
redenticides & intermediates
hilogenated aliphatics
acrylates & latex emulsions
PCB/PBB's
plastizers [2] (1)
resins (72) elastomers (54 (73)
solvents polar (except water)
trichloroethylene
other solvents nonpolar
solvents halogenated aromatic
oils and oil sludges
alcohols [24 (12)
ketones & aldahydes
Inorganics
Salts (16) mercaptans (17)
Misc (18)
phermaceutical wastes
catalysts (eg. vanadium, platinum, palladium)
asbestos
mix water reactive wastes (eg. P4, aluminum cilonice)
manabab mitu transmirate natos area, terreterreterreterreterreterreterreter

FORM D: SUPPLEMENTAL HAULER INFORMATION [1-8]
COMPLETE THIS FORM FOR EACH FIRE ON INDEPENDENT CONTRACTOR (IN- CLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT TO AN UNKNOWN LOCATION
Company Name: SHELL CHEMICAL COMPANY Division/Subsidiary/HD. CHEM DIV
Facility Name: DOMINGUEZ PLANT Name of Hauling Firm/Contractor: INDUSTRIAL TRANSPORTATION SECULAS
Address: (no.) 217 No. (street) LAGOON
(city) WIAM. (state) OAL (21p code) 90744
1. Year first used
2. Year last used (enter "79" if still in use)
3. Total amount of process waste hauled from this facility: USE TONS ONLY IF POSSIBLE- thousand gallons
Right justify response hundred tons
thousand cubic yards 1 1 1 1 (29-36) 4. Components (or characteristics) of process waste from this facility disposed
at site: (1-present in waste; 2-not present in waste; 9-don't know):
FILL IN EVERY BLOCK SPACE
Acid solutions, with pH<3 [월 (37) pickling liquor [월 (38)
metal plating waste (39) circuit etchings (40)
inorganic acid manufacture
organic acid manufacture
Base solutions, with pH>12
nylon and similar polymer generation
scrubber residual
arseric, selenium, antimony
mercury (49) iron, manganese, magnesium (50)
zinc, cadmium, copper, chromium (trivalent)
chromium (hexavalent) (52) lead (53)
Radioactive residues, >50pico Curies/ gram
uranium residuals & residuals for UF6 recycling
phosphate slag (57)
thorium :- [> (58) radium (59)
other alpha, bets & gamma emitters
Organics (61) insecticides & intermediates (62)
herbicides & intermediates
fungicides & intermediates Tridenticides & intermediates [34]
hilogenated aliphatics
halogenated aromatics
PCB/PAR's (59)
عرز (00) و المعارضة و ا
Tesins (72)
elastomers [2 (73) solvents polar (except water) [2 (74)
carbontetrachloride
trichloroethylene
solvents halogenated aliphatic
solvents halogenated aromatic oils and oil sludges (2) (79) (1)(80) (10)
esters and ethers
ketones & aldehydes
dioxins
salts
Misc. (17)
pharmaceutical wastes
paints & pigments
catalysts (eg. vanadium, platinum, palladium) (21) asbestos (22) shock sensitive vastes (eg. nitrated toluenes) (23)
Shock sensitive wastes (eg. nitrated toluenes)
master reactive wastes (eg. 72, aluminum cuterite)

FORM DE SUPPLEMENTAL HAULER INFORMATION	.81
COPPLETE THIS FORE FUR EACH FIRM OR INDEPENDENT CONTRACTOR (IN-	
Company Name: SHELL CARMICAL COMPANY Division/Subsidiary/No. Colum. Facility Name: Derringual Fract Name of Hauling Firm/Contractor: CHANGELLOR FOR COMPANY Address: (no.) 3031 (street) EAST L. ST. (city) W/AM. (state) 601 (zip code) 90744	אופ
1. Year first used	
USE TONS ONLY IF POSSIBLE— Right justify response hundred tons. MAXIMUM) } }
 Components (or characteristics) of process waste from this facility disposed at site: (1=present in =aste; 2=not present in waste; 9=don't know): FILL IN EVERY BULK SPACE 	•
Acid solutions with ph<3. (37) pickling liquor (38) metal plating waste (39)	
inorganic acid manufacture	
organic acid manufacture [25 (42)] Base solutions, with pH>12 [43) caustic soda manufacture [25 (44)]	
nvion and similar polymer generation	
Heavy models & trace motels (bonded organically & inorganically) [7] (47)	
mercury [22 (49) iron, manganese, magnesium [7] (50) zinc, cadmium, copper, chromium (trivalent) [22 (51)	
Chromium (hexavalent)	
Radioscrive residues, >50pico curies/gram	
phosphate slag	
Other alpha, beta & games emitters	
insecticides & intermediates	
r:denticides & intermediates	
halogenated aromatics	
smides, amines, imides plastizers resins (70) plastizers (72)	
elastomers	
carbon tetrachloride	
solvents halogenated aliphatic (78) solvents halogenated aromatic (2) (79) [1] oils and oil sludges	<u>(80)</u>
esters and ethers	
ketomes & aldehydes (13) dioxins (24) Inorganics (25)	
\$alts	
Misc	
caralvers (ac. vanadium, platinum, palladium)	
### ##################################	J.so.

FORM DE SUPPLEMENTAL HAULER INFORMATION (1-8)
CLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) SHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT
TO AN UNKNOWN LOCATION
Company Name: SHELL HEMICAL COMPANT Division/Sutsidiary Mad CHEM DIV Facility Name: Demin GUEZ PLANTA
Name of Hauling Firm/Contractor: ROSBY & (NEETIH) Address: (no.) 16 20 W (street) 16 77 SF
(city) LONG BEACH (state) EAL (zip code) 905/3
1. Year first used
2. Year last used (enter "79" if still in use)
3. Total amount of process waste hauled from this facility: USE TONS ONLY IF POSSIBLE- thousand gallons
Right justify response hundred tons
4. Components (or characteristics) of process waste from this facility disposed
at site: (1-present in waste; 2-mot present in waste; 9-don't know): FILL IN EVERY BLOCK SPACE
Acid solutions, with pH<3
pickling liquor
circuit etchings
inorganic acid manufacture
Base solutions, with pH>12
raustic sods manufacture
scrubber residual
arsanic, selenium, antimony
iron, manganese, magnesium
zinc, cadmium, copper, chromium (trivalent)
chromium (hexavalent)
Radioactive residues, >50pico curies/ gram
uranium residuals & residuals for UF ₆ recycling
phosphate slag
radium
other alpha, beta & gamma emitters
insecticides & intermediates
herbicides & intermediates
redenticides & intermediates
halogenated argmatics
PG9/PBB's (2) (59)
anides, animes, imides
resins \overline{z} \overline{z} \overline{z}
elastomers
carbontetrachloride (75) trichloroethylene (76)
other solvents nonpolar
solvents halogenated aliphatic
oils and oil sludges
esters and ethers
ketones & aldahydes
Inorganics
Salts [2] (16)
Nisc.,,,
pharmaceutical wastes
catalysts (eg. vanadium, platinum, palladium)
asbestos (22) shock sensitive wastes (eg. nitrated toluenes) (23)
water reactive wastes (eg. Pr. aluminum chloride) [24] wastes with flash point below 1000 F

FOR: D: SUPPLEMENTAL HAULER INFORMATION FINAL
COMPLITE THIS FORT TOK EACH FIRM OR INDEPENDENT CONTRACTOR (IN- CLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOR IT
TO AN INKNOWN LOCATION
Company Name: SHELL CHEMICAL COMPANY Division/Sutsidiary MD CHEM DIV Facility Name: DemineGUEZ PLANET
Mane of hauting film/contractors. (23 H HUTCH/JUN 7 JON) /NC
Address: (no.) 217 No (street) LAGOON BUE (city) WIAM (state) EAL (zip code) 90744
1. Year first used
3. Total amount of process waste hauled from this facility:
USE TONS ONLY IF POSSIBLE- thousand gallons
Right justify response hundred tons
4. Components (or characteristics) of process waste from this facility disposed
at site: (1=present in waste; 2=not present in waste; 9=don't know): FILL IN EVERY BLOCK SPACE
Acid solutions, with pH<3
pickling liquot
metal plating waste
circuit etchings
Rase solutions, with pH>12
caustic soda manufacture
nylon and similar polymer generation (25)
Heavy metals & trace metals (bonded organically & inorganically) [[(47)
arsemic, selenium, antimony
iron, manganese magnesium
zine, cadulum, copper, chromium (trivalent)
chronium (hexavalent) lead (52)
Radioactive residues, >50 pico curies/ gram
uranium residuals & residuals for UF6 recycling
phosphate slag
thorium I (58) radium [2] (59)
other alpha, beta & gamma emitters
Organics [7] (61) insecticides & intermediates [52]
herbicides & intermediates
fungicides & intermediates
hilogenated alighatics
halogenated argmatics
PCB/PRB's
amides, amines, imides
plastizers
elastomers
solvents polar (except water)
trichloroethylene
other solvents nonpolar
solvents halogenated aromatic
oils and oil sludges esters and others (10)
alcohols
ketones & aldehydes
Inorganics
salts (16) mercaptans (27)
Misc. [7] (18)
pharmaceutical wastes
paints & pigments
asbestos (22)
asbestos
masses with flash point below 100° F

•	FON. D: SUPPLEMENTAL HAULER INFORMATION (1-8)
÷ .	COMPLETE THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (IN- CLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REHOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT TO AN UNKNOWN LOCATION
	Company Name: SHELL HAMICHE COMPANYDISSION/SUI
	1. Year first used
	Acid solutions, with pH<3. (37) pickling liquor (38) matal plating waste (40) inorganic acid manufacture (42) Base solutions, with pH>12 (43) caustic soda manufacture (24) nylon and similar polymer generation (25)
	struber residual Heavy ustals & trace metals (bonded organically & inorganically) arsenic, selenium, antimony iron, manganese, magnesium zine, cadmium, copper, chromium (trivalent) chromium (hexavalent) lead [2] (46) [2] (47) [2] (48) [2] (49) [2] (50) [3] (51) [4] (51)
	Radioactive residues, >50pico curies/gram uramium residuals & residuals for UF6 recycling lathanide series elements and rare earth salts phosphate slag thorium radium late (59) other alpha, beta & gamma emitters
	Organics
	PUB/PRB's anides, smines, imides plastizers resins clastomers solvents polar (except water) carbontetrachloride trichloroethylene
	other solvents nonpolar solvents halogenated alighatic solvents halogenated aromatic oils and oil sludges esters and ethers alcohols ketones & aldehydes diaxins (77) (78) (2 (79) [1 (80) (2 (10) (10) (2 (11) (12) (13) (13)
	Inorganics salts percaptans (16) mercaptans (17) Misc
	2sbestos



Shell Oil Company . Shell Chemical Company



A Division of Shell Oil Company

Wilmington Manufacturing Complex P. O. Box 6249 Carson, California 90749

B. Duchie July 16, 1981

Telephone (213) 835-5611

02-WLR-WD

U. S. Environmental Protection Agency ATTN Mr. William D. Wilson Region IX Hazardous Materials Branch 215 Fremont Street San Francisco, CA 94105

Gentlemen:

REFERENCE NO. CAS-000001458, CAS-000001444, AND CAS-000001454

In your letters of July 7, 1981 (attached), you asked us to describe the physical location of three hazardous waste sites identified in our submission of Notifications of Hazardous Waste Sites.

We have no information on the location of the Elkins Ranch site (CAS-000000144), other than the P. O. Box shown. "Routh" (CAS-000001458) and "California Salvage" (CAS-000001454) are incorrectly identified as hazardous waste sites. They are transporters and, therefore, should not have been included in our submission.

If there are any further questions, please contact me at (213) 835-5611.

Very truly yours,

R. A. O'Hare - Environmental Conservation Manager

CCG: je

Attachments

bc: WHB/CG RH

E/C File 3.9



UNITED STATES ENVIRONMENTAL PROTECTION A

REGION IX
215 Fremont Street
San Francisco, Ca. 94105

Date 7-7-8/ CONCORD Reference No. CASCOCOCI 458

Dear Superfund Notification Respondent:

The U.S. Environmental Protection Agency (EPA) has received the information you filed pursuant to Section 103(c) of the Comprehensive Environmental Response, Compensation and Liability Act (Superfund). We are hereby returning this document for the following reason:

- Essential information is missing or illegible.

 Red circles indicate such items. Need physical Location or description
- _____ It cannot be determined whether your notification was legally required or whether you were not required to report the site for which you notified.
- You failed to sign and/or date the document.

Please provide the information requested either on the original document or on the blank form enclosed herein. Return the original document, this letter, and the new form (if necessary) no later than 8-7-8/

Your notification will be regarded as late if you do not resubmit this information by the above date. If you have any questions on providing this information, please call Ms. Penny Willamson at (415)556-7030.

Sincerely,

William D. Wilson

Hazardous Materials Branch

A. Notification of Hazardous Waste Si⁴e

United States **Environmental Protection** Agency Washington DC 20460

This initial rotification information is

Please type or print in ink. If you need paper. Indicate the letter of the item which applies.

required by Section 103(c) of the Compreadditional space, use separate sheets of hensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981. 810608 CAS 000001458 Person Required to Notify: Shell Oil Company Enter the name and address of the person or organization required to notify. P.O. Box 6249 State CA Zip Code 90749 Site Location: Routh Enter the common name (if known) and actual location of the site. State CA County Person to Contact: Name (Last, First and Title) O Hare, Richard : Envir, Cons. Man Enter the name, title (if applicable), and husiness telephone number of the person 835-5611 contact regarding information submitted on this form. **Dates of Waste Handling:** Enter the years that you estimate waste 1980 1980 From (Year) To (Year) treatment, storage, or disposal began and ended at the site. E Waste Type: Choose the option you prefer to complete Option 2: This option is available to persons familiar with the Option I: Select general waste types and source categories. If Resource Conservation and Recovery Act (RCRA) Section 3001 you do not know the general waste types or sources, you are regulations (40 CFR Part 261). encouraged to describe the site in Item I-Description of Site. Specific Type of Waste: General Type of Waste: Source of Waste: EPA has assigned a four-digit number to each hazardous waste Place an X in the appropriate Place an X in the appropriate listed in the regulations under Section 3001 of RCRA. Enter the boxes. The categories listed boxes appropriate four-digit number in the boxes provided. A copy of overlap. Check each applicable the list of hazardous wastes and codes can be obtained by tegory. contacting the EPA Region serving the State in which the site is located. 1. Organics 1.
Mining 2. Inorganics 2.

Construction 3.

Solvents 3.

Textiles 4. Pesticides 4.

Fertilizer 5.

Heavy metals 5.

Paper/Printing 6. □ Acids 6.

Leather Tanning 7.
Bases 7.
Iron/Steel Foundry 8. D PCBs 8.

Chemical, General 9. D Mixed Municipal Waste 9.

Plating/Polishing 10. Unknown 10. Military/Ammunition 11. D Other (Specify) 11.

Electrical Conductors 12.

Transformers 13. Utility Companies 14.

Sanitary/Refuse 15. D Photofinish 16. D Lab/Hospital 17.
Unknown

> 18. 5K-Other (Specify) Petroleum Refining

Operations

1 C JUN 1981

66042

Form Approved OMB No. 2000-0138 **EPA Form 8900-1**

	MOTHICATION OF MATRICIONS MARIE 2118	Side I WO	site				
F	Waste Quantity:	Facility Type	Total Facility Waste Amou	unt			
•	Place an X in the appropriate boxes to indicate the facility types found at the site.	1. D Piles	cubic feet				
,	In the "total facility waste amount" space	2. Land Treatment Landfill	gallons 8400 G				
	give the estimated combined quantity	4. 🗆 Tanks	Total Facility Area				
1	(volume) of hazardous wastes at the site using cubic feet or gallons.	5. Impoundment	square feet				
	In the "total facility area" space, give the	6. Underground Injection	44 /				
	estimated area size which the facilities occupy using square feet or acres.	7. ☐ Drums, Above Ground 8. ☐ Drums, Below Ground	acres Unknown				
		9. St Other (Specify) Unknown					
G	Known, Suspected or Likely Releases	Known, Suspected or Likely Releases to the Environment:					
	Place an X in the appropriate boxes to indicate any known, suspected Don't known Suspected Likely None or likely releases of wastes to the environment.						
	Note: Items Hand I are optional. Completing these items will assist EPA and State and local governments in locating and assessing hazardous waste sites. Although completing the items is not required, you are encouraged to do so.						
H	Sketch Map of Site Location: (Option	al)					
	Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.						
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	•						
		·	•				
	,						
_	Description of Site: (Optional)						
•	Describe the history and present	•					
(conditions of the site. Give directions to the site and describe any nearby wells, prings, lakes, or housing. Include such formation as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.						
	This was a comm	ercial disposer. Wa	ste amount sh	ewn			
	is contribution from	Shell Oil Co. onl	ָט ^י				
		·					
J	Signature and Title:		· · · · · · · · · · · · · · · · · · ·				
	The person or authorized representative	Name T. E. Innocenzi,	Manager DO	vner, Present			
	(such as plant managers, superintendents, trustees or attorneys) of persons required	_		vner, Past			
	to notify must sign the form and provide a mailing address (if different than address	Street Same		nsporter			
	in item A). For other persons providing notification, the signature is optional.	City CARSON State	/ PT Zin Code 17/ / Set /	erator, Present erator, Past			
	Check the boxes which best describe the	(6)	(/ /: ZB<0tl				
	relationship to the site of the person required to notify. If you are not required to notify check "Other".	Signature / C mm ne	- Date 14/8,				



UNITED STATES ENVIRONMENTAL PROTECTION

REGION IX

215 Fremont Street San Francisco, Ca. 94105



Date 7-7-8/ Reference No. <u>(AS 00000144</u>4

Dear Superfund Notification Respondent:

The U.S. Environmental Protection Agency (EPA) has received the information you filed pursuant to Section 103(c) of the Comprehensive Environmental Response, Compensation and Liability Act (Superfund). We are hereby returning this document for the following reason:

- Essential information is missing or illegible.
 Red circles indicate such items.
- It cannot be determined whether your notification was <u>legally required</u> or whether <u>you</u> were <u>not</u> required to report the site for which you notified.
- You failed to sign and/or date the document.

Please provide the information requested either on the original document or on the blank form enclosed herein. Return the original document, this letter, and the new form (if necessary) no later than 9.7-81 ...

Your notification will be regarded as late if you do not resubmit this information by the above date. If you have any questions on providing this information, please call Ms. Penny Willamson at (415)556-7030.

Sincerely,

William D. Wilson

Hazardous Materials Branch

EPA Form 8900-1

Notification of Hazardous Waste Site

United States Environmental Protection Agency Washington DC 20460

is

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•	This initial notification informat required by Section 103(c) of the hensive Environmental Respons sation, and Liability Act of 1980 be mailed by June 9, 1981.	e Compre- e, Compen-	which applies.	e separate sheets of etter of the item		1 (/1)
			81060	08 6A5	000 00	1799
A	Person Required to Notify:		Shall	Oil Company		/
	Enter the name and address of to or organization required to notify			· · · · · · · · · · · · · · · · · · ·		
	prorganization required to noting	7.	Street P.O. E	Box 6249		· · · · · · · · · · · · · · · · · · ·
			city Carson		State CA	Zip Code 90749
<u>—</u> В	Site Location: Enter the common name (if known) and actual location of the site.		- 11'			
			Name of Site Elki	Box 695		
						02
			cir Fillmore	County	State CA	Zip Code 93.015
C	Person to Contact:	·		41> .	•	
ζ	Enter the name, title (if applicab business telephone number of the to contact regarding information abmitted on this form.	he person	Name (Last, First and Title	0'Hare, Richa 835 - 5611	rd; Envir	Cons. Myr.
D	Dates of Waste Handling:					
J	Dates of Waste Handling: Enter the years that you estimat treatment, storage, or disposal b		From (Year) 196	8 To (Year) 197	/	
	ended at the site.					
E	Waste Type: Choose the opti	on you pre	efer to complete			
	Option I: Select general waste t you do not know the general wa encouraged to describe the site in the second seco	ste types or	sources, you are		in and Recovery	ersons familiar with the Act (RCRA) Section 300
(General Type of Waste: Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.	Source o Place an boxes.	f Waste: X in the appropriate	listed in the regulation appropriate four-digit the list of hazardous contacting the EPA Re	our-digit number ns under Section number in the b wastes and code	to each hazardous was a 3001 of RCRA. Enter to oxes provided. A copy os can be obtained by State in which the site
ι.	1. 🗷 Organics	1. D Mil	ning	located.		
	2. M Inorganics		nstruction			
	3. ☐ Solvents	3. 🗆 Tex				
	4. D Pesticides	4. □ Fer				
	5. □ Heavy metals6. □ Acids		per/Printing			
	7. D Bases		sther Tanning n/Steel Foundry			<u> </u>
	8. D PCBs		emical, General		 	
	9. Mixed Municipal Waste		ting/Polishing		 	
	10. X Unknown		litary/Ammunition		 	
	11. D Other (Specify)		ctrical Conductors			<u> </u>
		12. 🗆 Tra	nsformers		L	
		13. 🗆 Uti	lity Companies			
		14. 🗆 Sa	nitary/Refuse		_	
		15. 🗆 Pho		1 0 1114 40	01	
			/Hospital	1 0 JUN 19		6600
		17. U Un	=			
		Petrole	ner (Specify)		6602	3 (- (+ (+)- /*
	Form Approved OMB No. 2000-0138	Opera	tions			

F	Waste Quantity:	Facility Type	Total Facility Waste Amount
١.	Flace an X in the appropriate boxes indicate the facility types found at the site.	1. D Piles	cubic feet
•	In the "total facility waste amount" space	2. D Land Treatment	gallons 890 190 G
•	give the estimated combined quantity	3. □ Landfill 4. □ Tanks	Total Facility Area
i	(volume) of hazardous wastes at the site using cubic feet or gallons.	5. D Impoundment	•
	In the "total facility area" space, give the	6. Underground Injection	square feet
	estimated area size which the facilities	7. Drums, Above Ground	ocres Unknown
	occupy using square feet or acres.	8. □ Drums, Below Ground 9. 図 Other (Specify) Unkin	
		9.) Other (Specify) Unkn	000
G	Known, Súspected or Likely Releases	to the Environment:	
	Place an X in the appropriate boxes to indica or likely releases of wastes to the environment		ww □ Known □ Suspected □ Likely □ None
	Note: Items Hand I are optional. Completing hazardous waste sites. Although completing		e and local governments in locating and assessing accouraged to do so.
H	Sketch Map of Site Location: (Options	al)	
ſ	Sketch a map showing streets, highways, routes or other prominent landmarks near the site. Place an X on the map to indicate the site location. Draw an arrow showing the direction north. You may substitute a publishing map showing the site location.		
(
		•	
_	De relation of City (Ontings)		
1	Description of Site: (Optional)		
(Describe the history and present conditions of the site. Give directions to the site and describe any nearby wells, springs, lakes, or housing. Include such information as how waste was disposed and where the waste came from. Provide any other information or comments which may help describe the site conditions.		
	This was a comm	ercial disposer. V	Vaste amount shown
	' Taris was a comm	ercial disposer:	
	is contribution fro	m Shell Oil Co.	only,
		•	
	÷		
		•	
	Signature and Title:		
•	The person or authorized representative	Name T. E. INNOCENZI	Manager Downer, Present
	(such as plant managers, superintendents,	2.0. Box . 6249	Owner, Present Owner, Past
	trustees or attorneys) of persons required to notify must sign the form and provide a	Street Sama as A	☐ Transporter
	mailing address (if different than address in item A). For other persons providing	Carini	
	notification, the signature is optional.	City CATSON State	Zip Code 70777 Operator, Past
	Check the boxes which best describe the relationship to the site of the person required to notify. If you are not required	Signature / Sym nu	Date 6/4/51 Dother
	to notify check "Other".		•

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Sec. 17 (\$4. 14.57)

SHELL OIL COMPANY

VIII. F.

DATE JUNE 1, 1979

TO HEAD OFFICE - ENVIRONMENTAL CONSERVATION - OPERATIONS

28

MANAGER - WILMINGTON
HANUFACTURING COMPLEX

SUBJECT - WILMINGTON WASTE DISPOSAL SITE SURVEY

Please refer to your memorandum of May 7, 1979 requesting a review of Waste Disposal practices for Chemical Manufacturing (Oxygenated Solvents) at this location.

Records of Waste Disposal are currently available for 1973 to date with respect to carrier, quantity and a description of the waste. Information as to disposal site is less complete, but sufficient to point Lo most, if not all, sites used.

Waste products from this location are considered to be relatively non-toxic. Since operations at this location have not changed significantly either in nature nor throughput since 1950, the wastes disposed of prior to 1973 should not differ significantly from recent wastes. They too should be considered to be relatively non-toxic.

Prior to 1969, our solvents plant waste water was processed with refinery waste water; hence, no effluent sludge was isolated. Also prior to 1969, wastes consisted of an occasional load of sludge from a 67% sulfuric acid storage tank, sludge from solvent tanks being prepared for inspection and repairs; also, from time to time, sludge from the forebay of a cooling water tower. At the most, this would probably amount to less than 100 tons in any year prior to 1969.

In 1969, the process waste water from the solvents operation was segregated, processed to remove solids (effluent sludge) and ultimately introduced to the Los Angeles County Sanitary Sewer System for further treatment.

A review of our worksheets for recent years shows the greatest part of the waste is this effluent sludge, a moderately alkaline emulsion of water, oil, hydrated metallic oxides, such as, iron hydroxide, calcium hydroxide, magnesium hydroxide, and perhaps traces or alcohols and ketones.

We have prepared a form "A" for 1978, (5) form "B's", pages 1 and 2, for known disposal sites, form "C", covering haulers named in our records for 1973 to 1978, and haulers possibly used prior to 1979 based on recollections of amployees in responsible positions prior to 1973.

We also have prepared (10) form "D's", "Supplemental Hauler Information," for haulers named in our records and those possibly used before 1973 as well.

In addition to the waste disposal sites covered by the Form "B", there are a number of other local sites that have been active in this area in past years. We have no evidence that these were disposal sites for wastes from this location.

Other possible disposal sites include the following:

Adams Dump
Main Street Dump
Harwick Dump
Port Disposal Company
Cherokee Disposal Company
Blinn Street Dump

213 & Delores
Main & San Diego Freeway
South of Shell Wilmington Refinery
Wilmington
Paramount (Crosby & Overton)
Wilmington

if further information or clarification of any of the data provided is needed. It would probably be expedient to direct questions directly to R. O'Hare, SSN 629-1526.

Original Signed By T. E. INNOCENZI

T. E. Innocenzi

Enclosure

bc: JWA/WHB/RBT

RH/KHT

E/C File 3.34 (Attachments)

HAULER	DISPOSAL SITE	QUANTITY, BALS	DESCRIPTION
Hutchinson & Sons Inc.	FALOS VERDES	130	Sludge Ex 67H2SO4 Storege
Hutchinson & Sons Inc	PALOS VERDES	75	Used Soda Lime (Drums)
Hutchinson & Sons Inc.	BASIN BY-PRODUCTS CO.	25	67% Sulfuric Acid
Butchinson & Sone Inc.	~	300	Bffluent Sludge
Hutchinson & Sons Inc.	-	100	Effluent Sludge
Hutchinson & Sons Inc.		110	Effluent Sludge
Hutchinson & Sons Inc.	Made was	110	Effluent Sludge
Hutchinson & Sons Iuc.	*-*-	110	Effluent Sludge

HAULER	DISPOSAL SITE	QUANTITY, BBLS	DESCRIPTION
Hutchinson à Sons Inc.	PALOS VERDES	80	Sludge Ex CV Tower
Hutchinson & Sons Inc	PALOS VERDES	25	Used Soda Lime (Druma)
Butchinson & Sons Inc.	PALOS VERDES	81	Super Ex CW Tower
Butchinson & Sons Inc.		L 10	Effluent Sludge
Hetchinson & Sons Inc.		110	Effluent Sludge
Hutchinson & Sons Inc.		1 10	Effluent Sludge
Hutchinson & Sons Inc.	and the state of	110	Effluent Sludge
Rutchinson & Sons Inc.		110	Effluent Sludge
Hutchinson & Sons Inc.		100	Effluent Sludge
Hutchinson & Sons Inc.	*****	100	Effluent Sludge
Hutchinson & Sons Inc.		100	Effluent Sludge
Hutchinson & Sons Inc.		310	Effluent Sludge
Hutchinson & Sons Inc.	PALOS VERDES	110	Effluent Sludge
Hutchinson & Sons Inc.	PALOS VERDES	160	Effluent Sludge
Hutchinson & Sons Inc.	CALIF SALVAGE	200	Effluent Sludge
Hutchinson & Sons Inc.	PALOS VERDES	100	Effluent Sludge
Hutchinson & Sons Inc.		210	Effluent Sludge
Hutchinson & Sons Inc.		100	Effluent Sludge

WASTE DISPOSAL 1974 Cont'd

HAULER	DISPOSAL SITE	QUANTITY, BBLS	DESCRIPTION
Hutchinson & Sons Inc.	PALOS VERDES	100	Effluent Sludge
Hutchiason & Sons Inc	PALOS VERDES	110	Effluent Sludge
Hutchinson & Sons Inc.	PALOS VERDES	100	Effluent Sludge
Hutchinson & Sons Inc.		100	Effluent Sludge
Hutchinson & Sons Inc.		115	Effluent Sludge
Hutchinson & Sons Inc.	All Westman	100	Effluent Sludge
Hutchinson & Sons Inc.	Military consumers	100	Effluent Sludge
Rutchinson & Sons Inc.		110	Effluent Sludge
Hutchinson & Sons Inc.		100	Effluenț Sludge
Hutchinson & Sons Inc.	CALIF SALVAGE	110	Eifluent Sludge
Hutchinson & Sons Inc.	PALOS VERDES	110	Effluent Sludge

HAULER	DISPOSAL SITE	QUANTITY, BBLS	DESCRIPTION
Hutchinson & Sons Inc.	?ALOS VERDES	110	Sludge Ex 67% H ₂ SO ₄ Storage
Hutchinson & Sons Inc		50	Sludge Ex 67% H ₂ SO ₄ Storage
Hutchinson & Sons Inc.		50	Sludge Ex 67% H ₂ SO ₄ Storage
Hutchinson & Sons Inc.	CALABASAS	100	Effluent Sludge
Hutchinson & Sons Inc.	PALOS VERDES	100	Effluent Sludge
Hutchinson & Sons Inc.	PALOS VERDES	100	Effluent Sludge
Hutchinson & Sons Inc.	CALABASAS	100	Effluent Sludge

RAULER	DISPOSAL SITE	QUANTITY, BBLS	DESCRIPTION
Crosby & Overton	PALOS VERDES	100	Effluent Sludge
Crosby & Overton	BKK CO., WEST COVINA	130	Sludge Ex 672 H2SO4 Storage
Hutchiason & Sons Inc.	BKK CO., WEST COVINA	230	Sludge Ex Crude IPA Storage
Hutchinson & Sons luc.	CALABASAS	100	Effluent Sludge
Hutchinson & Sons Inc.		100	Used Soda Lime (Drums)
Hutchiason & Sons Inc.	PALOS VERDES	100	Effluent Sludge
Western Refuse	PALOS VERDES	100	Used Soda Lime Catalyst (Drums)

HAULER	DISPOSAL SITE QUAL	NTITY, BBLS	DESCRIPTION
Crosby & Overton	BRK CO., WEST COVINA	135	Sludge Ex 67% H ₂ SO ₄ Storage
Crosby & Overton	PALOS VERDES	100	Effluent Sludge
Crosby & Overton	BKK CO., WEST COVINA	120	Effluent Sludge
Crosby & Overton	BKK CO., WEST COVINA	100	Sludge Ex 67% H ₂ SO ₄ Storage
Creaby & Overton		100	Water Wash Effluent Sludge
Crasby & Overton		200	Sludge Ex 672 H ₂ SO ₄
Crosby & Overton		200	Hydroblast Effluent Sludge Tank
Crosby & Overton	PALOS VERDES	100	Effluent Sludge
Crosby & Overton		100	Effluent Sludge
Crosby & Overton		100	Effluent Sludge
Industrial Transportation	PALOS VERDES	100	EffLuent Sludge

HAULER	DISPOSAL SITE	QUANTITY, BBLS	DESCRIPTION
Crosby & Overton	SA Council	100	Effluent Sludge
Crosby & Cverton	BKK CO., WEST COVIN	A 100	Tank Residue Ex 49% NeOB
Crosby & Overton	BKK CO., WEST COVIN	A 100	Effluent Sludge
Industrial Transportation	BKK CO., WEST COVIN	A 100	Effluent Sludge
Industrial Transportation	PALOS VERDES	100	3ffluent Sludge

MANAGER HEALTH, SAFEIY, AND ENVIRONMENTAL - WESTERN DISTRIBUTION AREA - ANAHEIM

Ha] -

Confirming our discussion regarding the CERCLA hazardous waste site modification, please find attached a report sent to EPA by the Marketing Engineering Manager. As I have advised, Mr. Calabra of DEQ has not called me back and, to the best of my knowledge, has not called Alex Karlin.

Attach.

B. L. DOUGAN

Shell Oil Company



1100 Milam P.O. Box 3105 Houston, Texas 77001

June 5, 1981

U.S. EPA Region 10 Sites Notification Seattle, Washington 98101

Gentlemen:

REPORTING OF HAZARDOUS WASTE SITES UNDER CERCLA U.S. EPA REGION SHELL OIL COMPANY MARKETING DISTRIBUTION TERMINALS

Enclosed herewith please find Attachment A which describes Shell Oil Company's hazardous waste disposal activity on-site and off-site, with respect to existing and closed marketing distribution terminals, as required by Section 103(c) of CERCLA.

Attachment A represents Shell's good-faith effort to present all reasonably available data to the E.P.A. by the June 9, 1981 deadline. To the best of our knowledge, the information presented on Attachment A is complete and accurate.

Respectfully,

Manager

Marketing Engineering

B. Harrington

Enclosures

WILL BOSE
PLANT

NOV 14 1983

BLD / CFG /

Waste Waste

NOTIFICATION OF HAZARDOUS WASTE SITES UNDER CERCLA

U.S. EPA REGION 10

The following describes Shell Oil Company's hazardous waste disposal activity on-site and off-site, with respect to marketing distribution terminals, as required by Section 103(c) of CERCLA:

Existing Shell-operated marketing distribution terminals at which reportable quantities of hazardous wastes are being or have been treated, stored (for more than 90 days) or disposed:

> Shell Willbridge Plant Portland, Oregon (refer to enclosed EPA Form #8900-1)

В. Existing Shell-operated marketing distribution terminals which formerly engaged in refinery activities and at which reportable quantities of hazardous wastes have been treated, stored (for more than 90 days) or disposed:

None

С. Former Shell-operated marketing distribution terminals at which reportable quantities of hazardous wastes have been treated, stored (for more than 90 days) or disposed:

None

D. Off-site waste disposal facilities to which hazardous wastes, generated at Shell-operated marketing distribution terminals, were taken via Shell transport: Transfer

Location Generating Waste	Waste Disposal Site	Type Quantity Date
Shell Willbridge Plant Portland, Oregon	St. Johns Landfill Portland, Oregon	Caustic 60-70bbls cleaners, Total gas addi- tive, ketones, solvents, avgas

Notification of Hazardous Waste Site.

United States Environmental Protection Agency Washington DC 20460

This initial notification information is required by Section 103(c) of the Compre- additional space, use separate sheets of hensive Environmental Response, Compensation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Form Approved

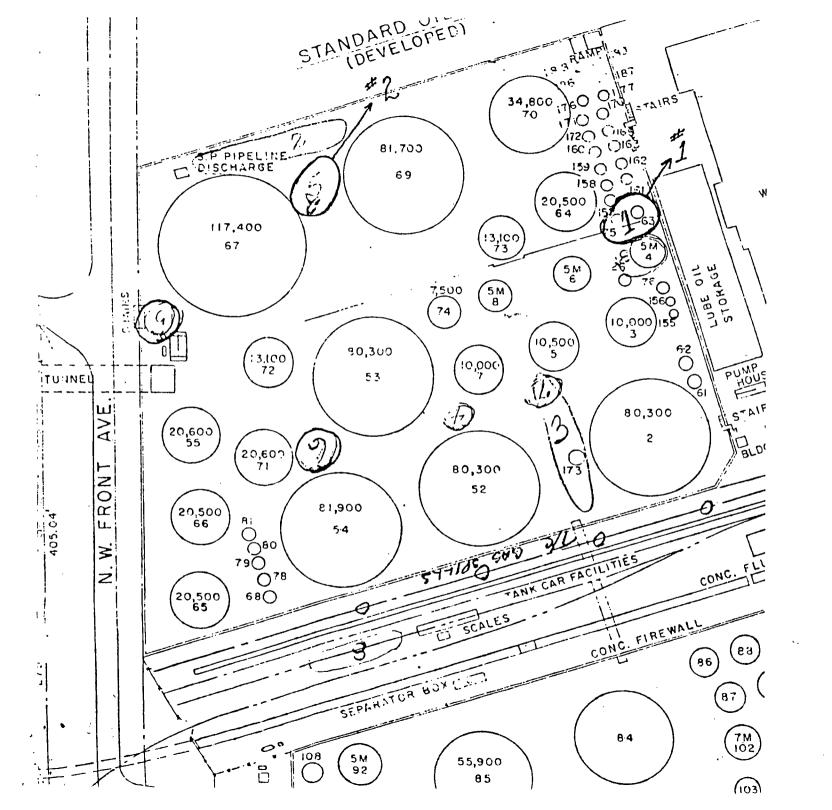
Please type or print in ink. If you need

Ā	Person Required to Notify:		None Sign	ι ()/ι (c	~ P2 N L	
	Enter the name and address of or organization required to notif					
		,.	Street \	e Shell	+iAZA	
	•		city Housto	: ~	State EXAS	20 Code 7700/
В	Site Location:		Su- 1	0.6	(.)	P
	Enter the common name (if kno	wn) and	Name of Site)// CLL	CIL COMPANY	WillBriDGE	IZANI
	actual location of the site.		Street 5 88'0	N.W. ST	HELENS K	DAD
			CIN PERTLAND	County Mint	UCHUH State OPE	20 Code 972/0
<u>_</u>	Person to Contact:			C 11	10	
	Enter the name, title (if applicable business telephone number of to contact regarding information	he person	Name (Last, First and Title	1 <u>)CHULZ MAR</u> 15) 820-	1008 / HEA ENV	JBSNATAL 176
	submitted on this form.	•		•		
D	Dates of Waste Handling:					
	Enter the years that you estimat treatment, storage, or disposal bended at the site.		From (Year) / 75	To (Year) /	751	
E	Waste Type: Choose the opti	ion you pre	efer to complete			
	Option I: Select general waste t you do not know the general wa encouraged to describe the site	ste types or	sources, you are	Option 2: This of Resource Conse regulations (40)	option is available to per rvation and Recovery Ac CFR Part 261).	sons familiar with the t (RCRA) Section 3001
	General Type of Waste: Place an X in the appropriate boxes. The categories listed overlap. Check each applicable category.	Source o Place an boxes.	f Waste: X in the appropriate	listed in the regi appropriate four the list of hazard contacting the E	f Waste: d a four-digit number to ulations under Section 3 digit number in the box dous wastes and codes o PA Region serving the S	001 of RCRA. Enter the es provided. A copy of an be obtained by
	1. Organics	1. D Mir	ning	located.	•	
	2. 🗆 Inorganics	2. 🖸 Coi	nstruction			[
	3. 🗆 Solvents	3. 🗆 Tex	tiles			
	4. Ø Pesticides	4. 🗆 Fer	tilizer			
	- 5. ☐ Heavy metals	-	er/Printing			
	6. 🗆 Acids		ther Tanning			
	7. 🗆 Bases		n/Steel Foundry			
	8. D PCBs		emical, General			
	9. 🛘 Mixed Municipal Waste		ting/Polishing			
	10. Unknown		itary/Ammunition			
	11. D Other (Specify)		ctrical Conductors			
			nstormers			
			lity Companies			
			nitary/Refuse			
		15. D Pho	<u>}</u>		•	
		16. 🗆 Lab				•
		17. 🗆 Uni			•	
		18. 🗷 Oth	ner (Specify)			

NOTIFICATION (OF.	HAZARDOUS	WASTE	SITE		- SHELL	PI ANT
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Part A	M	To the best of my knowledge, there have been no incidents or occurrences at the plant regarding treatment, storage or disposal of hazardous wastes which would not be covered by the statement regarding common industry practices in the past.
		Additional Information, If Known:
		(1) Location of disposal
•		(2) Amount of hazardous waste disposed
		(3) Type of hazardous waste disposed
•		(4) Is migration of hazardous waste occurring Known Suspected Likely None Unknown
		(5) Other remarks
Part B	図	To the best of my knowledge, no hazardous wastes, in excess of 55 gallons, are being or have been treat stored (for more than 90 days) or disposed of at this plant.
Part C	X	To the best of my knowledge, no hazardous wastes, in excess of 55 gallons, are being or have been treat stored (for more than 90 days) or disposed of at this plant. If Shell vehicles were used to transport hazardous wastes to an off-site facility, provide name and location of facility. STORNS LANDFILL - PORTLAND, ORE SEE BELOW
***************************************	X	If Shell vehicles were used to transport hazardous wastes to an off-site facility, provide name and location of facility. The following must be completed, to the extent possible, for incidents and occurrences not covered by the general statement regarding common industry practices.
Part C		If Shell vehicles were used to transport hazardous wastes to an off-site facility, provide name and location of facility. The following must be completed, to the extent possible, for incidents and occurrences not covered by the general statement regarding common industry practices. WASTE LOCATION METHOD OF DISPOSAL AND
Part C	™	If Shell vehicles were used to transport hazardous wastes to an off-site facility, provide name and location of facility. The following must be completed, to the extent possible, for incidents and occurrences not covered by the general statement regarding common industry practices. WASTE LOCATION METHOD OF DISPOSAL AND

60-70 BBLS OF CAUSTIC CLEANERS - T.C.P. - KETONES - USED 140 SOLVENTS AND OFF SPEC 100 AVGAS - HALLED AU PILL TOWN - O THE





MAY 27, 1981

FROM:

J. A. MULLINS

T0:

NOTE TO FILE

SUBJECT: CERCLA REPORTING UNDER 103(C) FOR THE ST. HELENS, VENTURA

AND PRINCETON PLANTS

Based on discussions with individuals associated with the subject plants' operations, I have concluded that there were no RCRA hazardous wastes disposed of from these locations. In the case of Princeton, small quantities of Part C chemicals may have been disposed of as mixed laboratory wastes in 5 gallon pails. It was concluded that these do not require reporting.

cc: Messrs. R. H. Dreith T. R. Williams HSEES-IS(2)

Shell Oil Company



P. O. Box 711 Martinez, California 94553 Telephone: 228-6161

June 2, 1981

T.R. Williams

Central Contra Costa Sanitary District ATTN Mr. Aubrey Russel P. O. Box 5266 Walnut Creek, CA 94596

Gentlemen:

This is further to telephone conversation between our Mr. J. R. Hanson and Mr. Aubrey Russel on May 28, 1981.

The Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) mandates in Section 103(c) that EPA be notified by June 9, 1981, of the existence of sites where hazardous wastes have been disposed of. A copy of CERCLA background material is attached as requested by Mr. Russel.

In 1966, a contractor removed some waste materials from our property while preparing a site for a storage tank. Some of the waste was hauled to the site of your treatment plant. Under current regulations this waste may be classified as hazardous waste.

To be fully responsive to the intent of this regulation we are reporting all sites which we are aware of having received wastes from our plant, although we may not necessarily be obligated to do so by the regulation. A copy of our report to EPA is attached.

Should you wish any further information please contact J. R. Hanson at 228-6161

Very truly yours,

R. F. Andrews

Technical Superintendent

Martinez Manufacturing Complex

Attachments

bc: Manager - Environmental Conservation - Operations - Head Office THIS COPY FOR



The Comprehensive Environmental Response, Compensation, and Liability Act of 1980 PL 96-510 (commonly known as Superfund) mandates in Section 103(c) the certain persons notify the U.S. Environmental Protection Agency (EPA) by June 9, 1981 of the existence of sites where hazardous wastes from industries, businesses, governments, hospitals, and other sources are stored, treated, or disposed of.

Persons who believe they are required to notify have requested that EPA develop and distribute forms and accompanying guidance material in order that respondents can more easily comply with the new law. This in turn, will ensure that information submitted to EPA will be both consistent and useful.

Those required to notify must inform EPA that the site exists and provide details on its location, the amount and type of any hazardous wastes to be found there, and any known, suspected or likely releases of such wastes from the site. All of this information can be provided by completing the enclosed EPA Form 8900-1. Notification of Hazardous Waste Site. The notification form should be mailed to the EPA Regional Office serving the State in which the site is located by June 9, 198

The enclosed packet also includes the following:

- General Information
- A list of EPA Region mailing addresses and information telephone numbers
- Instructions for filling out the form

Receipt of this packet does not necessarily mean that you are required to notify. For example, certain locations (such as gasoline service stations and dry cleaning plants) which accumulated hazardous wastes only as a result of minor leakage or spillage that occurred in the course of normal operations are not expected to notify. To determine if you must notify please read the General Information portion of the notification packet.

EPA believes that those legally required to notify may not be able to identify every hazardous waste site. Therefore, we encourage the general public to fill out the notification form if they know of sites which otherwise might not be reported. This is most applicable to sites that are abandoned or where midnight dumping has occurred and where government investigators are not likely to know of the site.

These forms, along with other efforts EPA has underway, should help to compile a national inventory of hazardous waste sites. With this inventory, EPA and State and local governments can do a better job of remedying the problems created by uncontrolled hazardous waste disposal. If you have any questions regarding the notification process, please contact the EPA Region serving the State in which the site is located. We thank you for your cooperation.

Sincerely Yours,

Acting Administrator

Environmental Protection Agency

Unless C Barba

General Information

The primary purpose of this notification program is to locate hazardous waste sites which treated, stored, or disposed of hazardous waste in the past and at which hazardous waste is still present. The most important sinformation you can provide to EPA'is the existence of a hazardous waste site and its Jocation. For purposes of describing the hazardous waste to be found at a site, the quantities of such waste and the type of activity at a site, EPA is not requiring that you painstakingly document the information submitted. This nformation may be based on your knowledge, belief, recollection or reasonably available records.

Who Must Notify

Section 103(c) of Superfund requires that, unless exempted, the following must notify EPA:

- Any person who presently owns or operates a site where there are facilities that store, treat, or dispose of hazardous wastes.
- Any person who, at the time of disposal, owned or operated site where there are facilities lat store, treat, or dispose of hazardous wastes.
- Any person who accepted hazardous wastes for transport and selected a site where there are facilities that store, treat, or dispose of hazardous wastes.

Persons required to notify include individuals and private, public, and government entities.

Who Need Not Notify

- 1 Section 3010 of the Resource Conservation and Recovery Act (RCRA) requires any person who generates or transports hazardous wastes or who owns or operates a facility that treats, stores, or disposes of hazardous wastes to notify EPA of such activities. For purposes of this notification any person who notified under Section 3010 for one or more treatment, storage, or disposal facilities does not have to notify EPA again of those specific facilities. However, notification is required for facilities not previously reported under Section 3010 that are on or contiguous to sites reported under Section. 3010.
- A person does not have to notify of facilities that have qualified for Interim Status under RCRA.
- 3. Facilities at which less than 55 gallons (or 7.4 cubic feet) of hazardous wastes have been disposed are not subject to this notification requirement.
- 4. Locations where hazardous waste accumulated only as a result of minor leakage or spillage that occurred in the course of normal operations are not considered hazardous waste sites for purposes of this notification unless such accumulation may pose significant risk to human health and the environment.
- 5. Municipal landfills, town dumps and other facilities that receive household wastes only, are not subject to notification. Municipal landfills that received hazardous wastes, especially wastes in segregated shipments from industrial services, would be expected to notify.
- 6. Facilities at which hazardous wastes had been treated
 or stored and from which all
 those hazardous wastes have
 been removed so as to
 allminate any risk to human
 health and the environment are
 not subject to this notification
 requirement.
- The application of pesticide products registered under the Federal Insecticide, Fungicide and Rodenticide Act and the

handling and storage of such products by agricultural producers are not subject to this notification requirement. Sites at which pesticides have been disposed are subject to the notification requirement of Section 103(c). Farmers who have disposed of waste pesticide in a manner consistent with the disposal instruction on the pesticide label are not subject to this notification requirement.

- 8. Stoppage in transport of hazardous waste which is temporary, incidental to the transportation, or at the ordinary operating convenience of a common or contract carrier is not, for purposes of this notification, storage.
- 9. Certain facilities which handle hazardous wastes pursuant to RCRA are not subject to this notification requirement. They include:
- Product or raw material storage tanks and transportation vessels or vehicles which are presently in use are not considered hazardous waste storage facilities, even though hazardous waste may be generated in such units in the course of their use. This does not extend, however, to units which are no longer in use and in which hazardous waste remain.
- Short-term accumulation (90 days or less) of hazardous wastes by generators subject to RCRA regulations is not, for purposes of this notification, storage.
- Totally enclosed treatment facilities.
- Wastewater treatment tanks and neutralization tanks.

Wastes Subject To Notification

Wastes subject to notification under Superfund are listed o identified as hazardous in the regulations issued under Section 3001 of RCRA, You are not expected to sample wastes to determine if they a hazárdous, Rather, you can use any knowledge you have of the wastes, including the materials or processes involv or the types of facilities that generate the wastes. You should notify about sites if yo believe the wastes may be hazardous due to barrel label odors, health effects, or othe indicators.

Polychlorinated biphenyls (PCBs) are not currently included within the RCRA Section 3001 regulations is are regulated under the To: Substances Control Act (TSCA). Consequently, notification of PCB treatmer storage, or disposal sites is n mandatory. However, in order make this notification mocomprehensive, EPA is requesting a voluntary notification of sites contains: PCBs as part of this notification program.

Wastes Not Subject To Notification

The following wastes are n subject to notification und-Section 103(c) of Superfund

- Solid wastes listed below not presently regulated as "hazardous waste" under RCRA.
- "Household waste", defineas any waste material (including garbage, trash, and sanitary wastes in septic tank derived from households (including single and multiple residences, hotels, and motels):
- Solid wastes generated? any of the following and returned to the soil as fertilizers:
- —The growing and harvesting agricultural crops.
- —The raising of animals, including animal manure.
- Mining overburden returned to the mine site.

- Fly ash waste, bottom ash waste, slag waste, and flue gas emission control waste generated primarily from combustion of coal or other fossil fuels.
- Drilling fluids, produced waters, and other wastes associated with the exploration, development, or production of crude oil, natural gas, or geothermal energy.
- Solid waste from extraction, beneficiation and processing of ores or minerals, including phosphate rock and overburden from the mining of uranium ore.
- Cement kiln dust waste.
- Natural gas, natural gas liquids, liquefied natural gas, r synthetic gas usable for fuel r mixtures of natural gas and such synthetic gas).
- 3. Petroleum, including crude oil or any fraction thereof which is not specifically listed under RCRA.

Penalties

Any person convicted of knowingly failing to notify may be fined not more than \$10,000 or imprisoned for not more than 1 year, or both. In addition, violators shall not be entitled to the protections of the liability provisions of Section 107 of Superfund. Information received under ction 103(c) will not be

used against any person in any criminal case, except a prosecution for perjury or for giving a false statement.

What Information Should Be Filed

When filing a notification, you must indicate the site location, specify the amount and type of any hazardous wastes to be found there, and show any known, suspected, or likely releases of such wastes from the site. You can provide all this information by completing and mailing the enclosed EPA Form 8900-1, Notification of Hazardous Waste Site.

The 53 chemical companies who submitted extensive facility information in previous responses to a survey conducted by the House Interstate and Foreign Commerce Committee in 1979 ("Waste Disposal Site Survey Directory"—Committee Print 96-IFC 33 pulished October 1979), may choose to

- complete Form 8900-1, or
- submit to EPA the information provided to the House Committee, updating and supplementing it as necessary to provide the information requested in Form 8900-1.

How Many Forms Should Be Filed

You should provide one notification form per site, whether the site has one or more treatment, storage, or disposal facilities within its boundary (see facility and site definitions).

When to File

Envelopes must be postmarked no later than June 9, 1981.

Acknowledgement

EPA will send you a postcard acknowledging receipt of your notification.

Confidential Information

Industrial and commercial organizations may be concerned about public disclosure of information that they report. All information reported in a notification other than trade secrets can be disclosed to the public, according to the Freedom of Information Act and EPA Freedom of Information Regulations, Because notification information is very general, EPA believes that it is unlikely that information reported qualifies for protection from disclosure as trade secrets.

However, if you wish to claim confidentiality, print the word "confidential" on both sides of the Notification Form and any attachments. EPA encourages you to substantially your claim at the time of notification by providing written answers to each of the questions listed below. Otherwise EPA may send not promptly on receipt of notification requesting substantiation within 15 working days.

- 1 Which portions of the information do you claim are entitled to confidential treatment?
- 2. How long do you want this information treated confidentially?
- 3. What measures have you taken to guard against undesired disclosures of the information to others?
- 4. To what extent has the information been disclosed to others, and what precautions have you taken in connection with those disclosures?
- 5. Has EPA or any other Federal Agency made a pertinent confidentiality determination? (If so, include copy of this determination or reference to it, if available)
- 6. Will disclosure of the information be likely to substantially harm your competitive position? If so, what would the harm be, and why should it be viewed as substantial? What is the relationship between disclosur and the harm?

l	Where to File				•		
EPA Region Address Area and		Area and Info	rmation Telephone Numbers	EPA Region Address	Area and Information Telephone Numbers		
I	US EPA Region 1	617-223-0090	Massachusetts	US EPA Region 6	214-767-4075	Arkansas, Louisiana, New Mexico	
	Sites Notification Boston, MA 02203	617-223-0214	Maine, Rhode Island Connecticut, New Hampshire, Vermont	Sites Notification Dallas, TX 75270		Oklahoma, Texas	
١			* Comone	US EPA Region 7	816-374-6864	lowa, Kansas, Missouri, Nebraska	
ļ	US EPA Region 2	212-264-1573	New Jersey, New York,	Sites Notification			
	Sites Notification New York, NY 10007		Virgin Islands, Puerto Rico	Kansas Čity, MO 64106		•	
١				US EPA Region 8	800-332-3321	Colorado	
1	US EPA Region 3	215-597-8751	Dglaware, District of Columbia,	Sites Notification	800-525-3022	Montana, North Dakota, South	
Ì	Sites Notification Philadelphia, PA 19106		Maryland, Pennsylvania, Virginia, West Virginia	Denver, CO 80295		Dakota, Utah, Wyoming	
ì				US EPA Region 9	415-556-1407	Arizona, California, Hawaii, Nevada,	
l	US EPA Region 4	404-881-2234	Alabama, Florida, Georgia, Kentucky,	Sites Notification		Guam, American Samoa, Common-	
ļ	Sites Notification Atlanta, GA 30308		Mississippi, North Carolina, South Carolina, Tennessee	San Francisco, CA 94105		wealth of the Northern Marianas	
١				US EPA Region 10	800-732-9319	Washington	
l	US EPA Region 5	312-886-3500	Illinois, Indiana, Michigan, Minnesota,	Sites Notification	800-426-9947	Alaska, Idaho, Oregon	
l	Sites Notification Chicago ILL 60604		Ohio, Wisconsin	Seattle, WA 98101			

Definitions

The following definitions may assist you in completing the notification form.

Act: the "Comprehensive Environmental Response, Compensation, and Liability Act of 1980" (Superfund).

Administrator: the Administrator of the United States Environmental Protection Agency.

Disposal: the discharge, deposit, injection, dumping spilling, leaking, or placing of any solid waste or hazardous waste into or on any land or water so that such solid waste or hazardous waste or any constituent thereof may enter the environment or be emitted into the air or discharged into any waters, including ground waters.

Environment: (A) the navigable waters, the waters of the contiguous zone, and the ocean waters of which the natural resources are under the exclusive management authority of the United States under the Fishery Conservation and Management Act of 1976, and (B) any other surface water, ground water, drinking water supply, land surface or subsurface strata, or ambient air within the United States or under the jurisdiction of the United States.

Facility: (A) any building, structure, installation, equipment, pipe or pipeline (including any pipe into a sewer or publicly owned treatment works), well, pit, pond, lagoon, impoundment, ditch, landfill, storage container, motor vehicle rolling stock, or aircraft, or (B) any site or area where a hazardous waste has been deposited, stored, disposed of, or placed. or otherwise come to be located; but does not include any consumer product in consumer use or any vessel (for purposes of this notification, (A) is most applicable).

Hazardous Waste: for purposes of this notification = requirement means any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of RCRA (but not including any waste the regulation of which under RCRA has been suspended by Act of Congress).

Owner or Operator: (A) in the case of an onshore facility, any person owning or operating such facility, and (B) in the case of any abandoned facility, any person who owned, operated, or otherwise controlled activities at such facility immediately prior to such abandonment.

Person: an individual, firm, corporation, association, partnership, consortium, joint venture, commercial entity, United States Government, State, municipality, commission, political subdivision of a State or any interstate body.

Release: any spilling, leaking, pumping, pouring, emitting, emptying, discharging, injecting, escaping, leaching, dumping, or disposing, into the environment.

Site: the location at which hazardous wastes were stored, treated, or disposed of by persons required to notify under Section 103(c). This includes all contiguous land, structures, other appurtenances, and improvements on the land, used for treating, storing, or disposing of hazardous wastes. A site may consist of several treatment, storage, or disposal facilities.

Storage: the holding of hazardous waste for a temporary period at the end of which the hazardous waste is treated. stored, or disposed elsewhere.

Transport or Transportation: the movement of a hazardous substance by any mode, including pipeline (as defined in the Pipeline Safety Act), and in the case of a hazardous substance which has been accepted for transportation by a common or contract carrier, the term "transport" or "transportation" shall include any stoppage in transit which is

temporary, incidental to the transportation movement, ar at the ordinary operating convenience of a common or contract carrier, and any suc stoppage shall be considered continuity of movement and not as the storage of a hazardous waste.

Treatment: any method, technique, or process, includ neutralization, designed to change the physical, chemica or biological character or composition of any hazardou: waste to neutralize such waste, or so as to recover energy or material resources from the waste, or to render such waste non-hazardous, o less hazardous; safer to transport, store, or dispose of or amenable for recovery, or storage, or reduced in volume Such term includes any activity or processing designe to change the physical form c chemical composition of hazardous waste so as to render it nonhazardous.

Waste Quantity: the actual o estimated size of the area affected (such as square feet or acres) and/or amount of waste (such as gallons or cubic feet) for the various treatment, storage or disposal facilities used at a site.

Waste Type: the type of hazardous substance that has been treated, stored, or disposed at a site.



Official Business Penalty for Private Use \$300

First-Class Mail Postage and Fees Paid EPA Permit No. G-35

United States **Environmental Protection** Agency

Office of Hazardous Emergency Response WH-548 Washington DC 20460

> CAD066676123 P 0 BOX 6249 CARSON

SHELL OIL CO HILMINGTON MFG CO 90749



Form Approved OMB No. 2000-0138 EPA Form B900-1

Notification of Hazardous Waste Site

United States Environmental Protect Agency Washington DC 20460

This initial notification information is required by Section 103(c) of the Comprehensive Environmental Response, Compen- paper. Indicate the letter of the item sation, and Liability Act of 1980 and must be mailed by June 9, 1981.

Please type or print in ink. If you need additional space, use separate sheets of which applies.

A	Person Required to Notify:		· · · · · · · · · · · · · · · · · · ·		·	
	Enter the name and address of the person		Name	· —— -— -— -— -		
	or organization required to notify	у.	Street			•
			City		State	Zip Code
					State	
В	Site Location:		Name of Site			
	Enter the common name (if know actual location of the site.	wn) and	Manie of Site			
	datable location of the site.	:	Street			
			City	County	State	Zip Code
\bar{c}	Person to Contact:					
•	Enter the name; title (if applicab	le) and	Name (Last, First and Title)		
,	business telephone number of the	ne person	Phone			
(o contact regarding information submitted on this form.		- Tione			
	The state of the s		÷			
D	Dates of Waste Handling:			·		
	Enter the years that you estimate	e waste	_			
	treatment, storage, or disposal bended at the site.	egan and	From (Year)	To (Year)		
	onded at the site.					
	-					
Ξ	Waste Type: Choose the opti	on you pr	efer to complete			
	Option I: Select general waste types and so		·	Ontine 3. This on	ian is qualiable.	to persons familiar with the
	you do not know the general waste types or encouraged to describe the site in Item I—D		r sources, you are	Resource Conserv	ation and Recove	ery Act (RCRA) Section 300
			Description of Site.	regulations (40 CF	R Part 261).	
	General Type of Waste:		of Waste:	Specific Type of	Waste:	
	Place an X in the appropriate boxes. The categories listed	Place an boxes.	X in the appropriate	EPA has assigned listed in the regula	a four-digit num ations under Sec	iber to each hazardous was tion 3001 of RCRA. Enter t
(enverlap. Check each applicable	20,100.		appropriate four-d	igit number in th	ie boxes provided. A copy i
Į,	tegory. 1. □ Organics 1. □ M			the list of hazardo contacting the EPA	us wastes and co A Region serving	odes can be obtained by the State in which the sit
			nina	located.		
	2. D Inorganics		nstruction			
	3. Solvents	3. □ Te				
	4. D Pesticides	4. □ Fe				
	5. Heavy metals		per/Printing			
	6. ☐ Acids		ather Tanning		 	
	7. 🗆 Bases	7. 🗆 Iro	n/Steel Foundry	 		
	8. PCBs	8. 🗆 Ch	emical, General			
	Mixed Municipal Waste	9. 🖸 Pla	ating/Polishing			
	10. 🗆 Unknown	10. 🗆 Mi	litary/Ammunition			
	11. Other (Specify)	11. D Ele	ectrical Conductors		ļ	
			ansformers	<u> </u>		
			ility Companies			
			nitary/Refuse			
		15. 🗆 Ph			Ļ	
			b/Hospital		•	
		17. 🗆 Ur				
		18. LJ Qt	her (Specify)			

. '	Now that ion of Hazardous Waste Site	Side Two		
	Waste Quantity:	Facility Type	Total Facility Waste	Amount
,	Place an X in the appropriate boxes to indicate the facility types found at the site.	1. D Piles	cobic feet	
	In the "total facility waste amount" space	 2. □ Land Treatment 3. □ Landfill 	gallons .	
	give the estimated combined quantity	4. 🗍 Tanks	Total Facility Aron	
	(volume) of hazardous wastes at the site using cubic feet or gallons.	5. Impoundment	square feel	
	In the "total facility area" space, give the	6. D Underground Injection	2doug ice.	
	estimated area size which the facilities occupy using square feet or acres.	7. Drums, Above Ground	BCL02	
	coopy come square rection delices.	8. Drums, Below Ground 9. Other (Specify)		
	V C			
•	Known, Suspected or Likely Releases		☐ Known ☐ Suspecte	od □ Likely □ Non
	Place an X in the appropriate boxes to indictor likely releases of wastes to the environm	ent.		
	Note: Items Hand I are optional. Completin hazardous waste sites. Although completing	ng these items will assist EPA and Stating the items is not required, you are en	te and local governments in ncouraged to do so.	locating and assessing
1	Sketch Map of Site Location: (Option	al)		
	Sketch a map showing streets, highways, routes or other prominent landmarks near	•		
	the site. Place an X on the map to indicate			•
	the site location: Draw an arrow showing the direction north. You may substitute a			•
(iblishing map showing the site location.			
		÷		
				•
				,
	Description of Site: (Optional)		· · · · · · · · · · · · · · · · · · ·	
	Description of Site: (Optional) Describe the history and present			
	conditions of the site. Give directions to			
(The site and describe any nearby wells, prings, takes, or housing, include such			
	information as how waste was disposed and where the waste came from. Provide			•
	any other information or comments which			
	may help describe the site conditions.			
	•			
	·			
	•			
		,		
		·		
 !	Signature and Title:			
•	The person or authorized representative	Name		Owner, Present
	(such as plant managers, superintendents,			Owner, Present
	trustees or attorneys) of persons required to notify must sign the form and provide a	Street		☐ Transporter
	mailing address (if different than address in item A). For other persons providing			D Operator, Preser
	notification, the signature is optional.	City Stat	te Zip Code	Operator, Past
	Check the boxes which best describe the relationship to the site of the person			□ Other
	required to notify. If you are not required	Signature	Date	

FORM A: GENERAL FACILITY INFORMATION

USE)
EC DIG TY
·
5 5 (10-11)
2 2 (12-15) R (SBR)
<u>olo]</u> (16-24)
0101 (25-32)
10101 (33-41)

		ECUTE.
Company N	lame: SHELL OIL COMPANY	
Division/ Facility	Subsidiary SHELL CHEMICAL COMPANY Name: TORRANCE PLANT (CLOSED 1972)	
•		108
Address:	No. Street	VO ACRES)
	LOS ANGELES, CALIFORNIA	
· · · · ·	City State Zip Code	
Name of P	Person Completing Form: R. J. Trautner	
Position:	STAFF ENGINEER, ENVIRONMENTAL Conservation - Shell Oi	1 Company
Phone Num	ber: (713) 241-4703	
1. Year	Facility Opened SHELL PURCHASED PROPERTY IN 1955 U.S. GOVERNMENT OWNED FROM 1943-1955	19 6 5 (10-11)
2. Prima	ary SIC Code	$\frac{1}{100000}$
3. Estimold use of	nate the total amounts of process wastes (excluding wast for use) generated by this facility during 1978: NNLY TONS IF POSSIBLE - right justify response	
1972		lololololololol (25-32)
		lololololololol (33-41)
		(0.10.10.10.10.10.10.10.10.10.10.10.10.10
	mate (in whole percents) how these process wastes rated in 1978 were disposed of:	
	in landfill	
	in pit/pond/lagoon	
	in deep well	
•	incinerated	
	reprocessed/recycled	
	evaporated	
	unknown	
	other (Specify)	lolol (63-65)
prope used	is the total number of known sites (including disposal erty where this facility is located as one site) that he for the disposal of process wastes from this facility:	ave been since
ca	IPLETE ONE FORM "B" FOR EACH OF THE SITES	•
6. Have	any of the process wastes generated at this facility beed (removed) from this racility for disposal? (les-1, me	een 5-2) 🛅 (69)
IF	YES, COMPLETE FORM "C"	
7. Do yo haule	ou know the disposal site locations of all of the proceed from your facility since 1950? (Yes=1; no=2)	ss waste $\begin{bmatrix} 2 \\ (70) \end{bmatrix}$
	NO, COMPLETE ONE FORM "D" FOR EACH FIRM OR CONTRACTOR TOOK WASTE TO AN UNKNOWN LOCATION	
8. Speci or fa	ify the earliest year represented by information from conclision records supplied on this and other forms	ompany (71-72)
9. Speci knowl	fy the earliest year represented by information from energy supplied on this and other forms	molovee 19 <mark>5 5 </mark> (73-74)

(1) MOST OF THE PROCESS WASTES (90+%) ARE COVERED BY FORMS BCD BUT INFORMATION IS NOT

AVAILABLE FOR ALL WASTES.
(2) INFORMATION FROM EMPLOYEES - NO RECORDS AVAILABLE.

1	Γ.	T	١	·	1	1
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ļ	11	1.1	USE)	1	(1-S)
	(DO	NOT	USE)	_	

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

Comp	oany Name: <u>s</u>	IELL OIL COMPANY	,	<u>Division/Subsidia</u>	m SHELL C	HEMICAL
Faci	ility Name: T	ORRANCE PLANT (CLOSED 1972)			
Name	e of Site: S	ANITATION DISTR	ICT LANDFILL NO. 1	(PALOS VERDES)	•	
Addr	ress of Site:		<u> </u>			
	•	no.	street			
		ROLLING HILLS	CALLEGRALIA			
		city	state	zip code		
		•		•		
Name Addr	e of Owner (w ress:		cility): LOS AN	GELES COUNTY		
		no.	street			
	•					
		city	state	zip code		
	rent Owner (i ress:	if different fro	om above):			
		no.	street			
	-	city	state	zip code		٠.
		oze,	5 64 60	·		
3.4.5.6.	Year first user last last last last last last last last	tus (1= closed; F CLOSED, specifused for process sed for process e) t of process was LY IF POSSIBLE: fy response e(s) of disposal use (1=currentl	thousand gallon hundred tons thousand cubic y method(s) used at y in use; 2=no long	edon't know) acility cility (enter "79" ity disposed at site ards site and whether reger in use; 3=never	19 if 19 te: 19 te: 19 nethod r used;	2) (12) (13-14) 5) (15-16) (17-18) (19-26)
8.	facilities of	only; 3=this com	landfill, mixed landfill, drummed landfill, munic pits/ponds/lago deep well injectland farming incineration treatment (eg. 1	=don't know)	posed	9 (42) 9 (43) 9 (44) 1 (45) 9 (46) 9 (47) 9 (48) 9 (49) 9 (50) 9 (51) 9 (52)
ı	12101 1041110		- CILLIN ROOM OSER			

(1) MOST OF THIS PROCESS WASTE (80,000T OVER PERIOD 1955-1972) WAS HAULED TO LA COUNTY CLASS I LANDFILLS NO. 1 AND NO. 5. NO RECORDS AVAILABLE TO SHOW EXACT AMOUNT. VARIOUS OTHER SMALL PRIVATE DUMPS WERE ALSO USED, HOWEVER RECORDS ARE NOT AVAILABLE ON QUANTITIES AND LOCATIONS.

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COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

Comp	oany Name:	SHELL OIL CO	MPANY		Division/Subsid	iary SHELL CHEMICAL
Faci	llity Name:		IFORNIA PLAN	Τ		-
	of Site:		LISTRICT LAND	FILL NO. 5	(CALABASAS)	_
Addi	ress of Site		street	_ 		-
		no.	Stieet		•	•
		AGOURA,	CALIFORNIA			_
		city		state	zip code	
		(while used b	y facility):	LOS ANGEL	ES COUNTY	-
Aaaı	ess:	no.	street			-
			361666			
						_
		city		state	zip code	
	rent Owner ress:	(if different	from above):			<u>.</u>
		no.	street			-
			•			
		city		state	zip code	•
•						
2.3.	Ownership company ow Current st Year first Year last still in u Total amou USE TONS CRight just Specify ty	at time of us nership) 3=pu atus (1= close IF CLOSED, spused for process)	se (1= company blic ownersh sed; 2= still secify year cl secss waste from swaste from BLE: thousa hundre thousa osal method(seently in use	y ownership; ip 9=don't l in use; 9=d losed rom this faci this facilit and gallons ed tons and cubic ya s) used at s ; 2=no longe	2=private but cnow)	3 (11) (12) (13-14) (15-16) (15-16) (17-18) (19-26) (19-26) (19-26) (27-33) (1) (34-41) (19-26) (34-41) (19-26) (19-
8.	racilities	only; 3=thls	landfi	ill, mixed iill, drummed ill, drummed ill, municip ponds/lagoon well injectifarming eration ment (eg. netessing/recy (specify); 2=this factor others; 9=d	ndustrial waste waste al refuse co-disconding waste al refuse co-disconding with a second continuity and other lon't know)	9 (43) 9 (44) isposed
						

CLASS I, LANDFILLS NO. 1 AND NO. 5. NO RECORDS AVAILABLE TO SHOW EXACT AMOUNT. VARIOUS OTHER SMALL PRIVATE DUMPS WERE ALSO USED: HOWEVER, RECORDS ARE NOT AVAILABLE ON QUANTITIES AND LOCATIONS.

FORM C: HAULER INFORMATION

DO NOT USE) (1-5)

PROVIDE A COMPLETE LIST OF ALL FIRMS AND INDEPENDENT CONTRACTORS, INCLUDING THE COMPANY AND ITS AFFILIATES AND SUBSIDLARIES, USED TO REMOVE PROCESS WASTES FROM THIS FACILITY SINCE 1950.

Company Name: SHELL OIL	COMPANY		
Division/Subsidiary SHELL C	HEMICAL COMPANY ALIFORNIA PLANT		
Name of Firm or Contractor	Address	ICC # (If Known)	Years Used
Name of Tith of Contractor	Audress	(11 MIONII)	rears used
CHANCELLOR & ODGEN	3031 EAST STREET	MC CC-	1955-1972

(24)

oñ

FORM A: GENERAL FACILITY INFORMATION

Comp	pany Name: ision/Subs	SHELL OIL COM	1PANY CHEMICAL COMPANY	<u>-</u>
Faci	ility Name	WILMINGTON	MANUFACTURING COMPLEX-CHEMICAL	- -
Addı	ress:	20945 SOUTH W	VILMINGTON AVENUE Street	_
		CARSON :	CALIFORNIA 90749 State Zip Code	_
Name	e of Person	n Completing F	Form: E.S. TEMPLETON/K. TRANTER	_
Posi	ition:	STAFF CHEMIST	/PURCHASING REPRESENTATIVE	
Phor	ne Number:	ALL QUESTIONS	CONCERNING THESE FORMS SHOULD BE	_DIRECTED TO R. H. DREITH (713) 241-6245
1.	Year Faci	lity Opened	•••••••••••	19 3 6 (10-11)
2.	Primary S	IC Code · · · · ·		2 8 6 9 (12-15)
3.		the total amou use) generated TONS IF POSSIE	unts of process wastes (excluding wastes) and this facility during 1978: BLE - right justify response thousand gallons	
			hundred tons	1 1 1 (25-32)
			thousand cubic yards	(33-41)
4.		(in whole perd in 1978 were	cents) how these process wastes disposed of:	
			in landfill	
			in pit/pond/lagoon	
			in deep well	
•			incinerated	
		-	reprocessed/recycled	(54-56)
			evaporated	
			unknown	
			other (Specify	_)(63-65)
5.	property used for 1950?	where this factoring the disposal of the dispo	er of known sites (including disposality is located as one site) that of process wastes from this facility	t have been cy since
	COMPLET	E ONE FORM "B"	' FOR EACH OF THE SITES	
6.	hauled (r	emoved) from 1	s wastes generated at this facility this facility for disposal? (Yes=1;	/ been ; no=2) [1](69)
	<u> </u>	COMPLETE FORM		
_. 7.	hauled fr	om your facil:	al site locations of all of the proity since 1950? (Yes=1; no=2)	
	OOT CHW	K WASTE TO AN	FORM ''D'' FOR EACH FIRM OR CONTRACTO UNKNOWN LOCATION	
8.	Specify to or facili	he earliest ye ty records sup	ear represented by information from pplied on this and other forms	19 7 3 (71-72)
9.	Specify t knowledge	he earliest ye supplied on t	ear represented by information from this and other forms	memployee

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(D0	NOT	USE)		

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

Сопра	any	Name:	SHELL OIL COMP	PANY	D:	<u>visica/Sub</u>	sidian	SHELL C	HEMICAL	COMPAI
Faci	lity	Name:	WILMINGTON MANUE	ACTURING C	OMPLEX-CHE	MICAL				
Name	οt	Site: L(OS ANGELES COUNT	<u>Y SANITARY</u>	LANDFILL	#1				
Addr	ess	of Site:	PALOS VERDES		<u> 26301 S</u>	<u>. CRENSHAW</u>	BLVD.,	ROLLING	HILLS,	CALIF.
			no. s	treet		•				
			LOS ANGELES CO	UNTY, CALI	FORNIA					
•			city		tate	zip co	le			
			•			•				
Name	of	Owner (w)	hile used by fac	ility): <u>LC</u>	S ANGELES	COUNTY				
Addr	ess:									
			no. s	treet						
		. ———	city		state	zip co	ie			
C		O-o- (i	•	, abovo) i		-				
Addr	GIIL	owner (1	f different from	above)			 			
Addi	C33 .	·	no. s	treet						
										
			city	:	state	zip co	ae			
3.4.5.6.	Year Year Year Still Tota USE Rig Specis	pany owne rent stat IF If first use al amount TONS ONI t justif	time of use (1= rship) 3=public us (1= closed; 2 CLOSED, specify sed for process ed for process wast of process wast Y IF POSSIBLE: Ty response (s) of disposal use (1=currently	ownership = still in year close waste from the from thi thousand hundred thousand method(s)	9=don't kr use; 9=doned this facil this facil s facility gallons . tons cubic yar- used at si	now) n't know) lity ity (enter disposed ds te and whe	"79" if	19 6 19 7	2) (12) (13- 4) (15- 9) (17- (19- 0) (27-	16) 18) 26) 33)
8.	fac	ilities o	s site (1=this : nly; 3=this com	landfill landfill landfill pits/pon deep wel land far incinera treatmen reproces other (s facility; 2 pany and ot	=this faci hers; 9=do	dustrial wwaste 1 refuse con tralizing) ling lity and con't know)	o-dispos	sed	1 (43) 1 (44)	
	L	כידיאטי יי	AND ADDICESSES O.	CHEK KINO	ם כאודורים דיייי	LLUII				

SHELL OIL COMPANY

Company Name: SHELL OIL COMPANY
Division/SubsidiarySHELL CHEMICAL COMPANY

Facility Name: WILMINGTON MANUFACTURING COMPLEX-CHEMICAL

Site Name: LOS ANGELES COUNTY SANITARY LANDFILL #1

Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know)

FILL IN EVERY BLOCK SPACE

_ ·
Acid solutions, with pH <3
pickling liquor
metal plating waste
circuit etchings
inorganic acid manufacture
organic acid manufacture
Base solutions, with pH>12
caustic soda manufacture
nylon and similar polymer generation
hyloli and Sinital polymer generation
scrubber residual
Heavy metals & trace metals (bonded organically & inorganically) [1] (20)
arsenic, selenium, antimony
mercury
iron, manganese, magnesium
zinc, cadmium, copper, chromium (trivalent)
chromium (hexavalent)
lead $\overline{\underline{2}}$ (26)
Radioactive residues, >50pico curies/gram
uranium residuals & residuals for UF6 recycling
lathanide series elements and rare earth salts
phosphate slag
thorium
radium
other alpha, beta & gamma emitters
Organics
insecticides & intermediates
herbicides & intermediates
fungicides & intermediates
rodenticides & intermediates
halogenated aliphatics[2] (39)
halogenated aromatics
acrylates & latex emulsions
PCB/PBB's
amides, amines, imides
plastizers
resins
elastomers
solvents polar (except water)
carbontetrachloride
· • • • • · · · · · · · · · · · · · · ·
trichloroethylene
other solvents nonpolar
solvents halogenated aliphatic
solvents halogenated aromatic
oils and oil sludges
esters and ethers
alcohols
ketones & aldehydes
dioxins
Inorganics
salts $[2]$ (59)
mercaptans
Misc
pharmaceutical wastes
paints & pigments
catalysts (or yangdism platinum malladism)
catalysts (eg. vanadium, platinum, palladium)
asbestos
shock sensitive wastes (eg. nitrated toluenes)
air water reactive wastes (eg. P4, aluminum chloride)
wastes with flash point below 100° F
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COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

Company Name: Facility Name Name of Site: Address of Si	LOS ANGELES SANITA te: 26919 WEST VE no. S	JEACTURING COMPLEX-CI RY LANDFILL, CALABAS NTURA FREEWAY, AGOUR treet OUNTY, CALIFORNIA	AS A, CALIFORNIA	SHELL CHEMICAL COMPAI
	city	state	zip code	
Name of Owner Address:	(while used by fac CALABASAS	ility): LOS ANGELES	COUNTY	·
	no.	treet		
	LOS ANGELES COUNTY	, CALIFORNIA		
. — —	city	state	zip code	
Current Owner Address:	r (if different from	above):		
	no.	treet		
•	city	state	zip code	
 Ownership company Current Year first Year lass still in Total am USE TONS Right ju Specify 	p at time of use (1: cownership) 3=public status (1= closed; if IF CLOSED, specify st used for process t used for process use) CONLY IF POSSIBLE: stify response type(s) of disposal in use (1=currently	te from this facility thousand gallons . hundred tons thousand cubic yar method(s) used at si y in use; 2=no longer	2=private but not now) n't know) lity ity (enter "79" if disposed at site: ds	
8. Users of	this site (1=this	landfill, drummed landfill, municipa pits/ponds/lagoons deep well injection land farming incineration treatment (eg. neu	dustrial waste waste ul refuse co-dispos on utralizing) cling	i (43) 9 (44) sed 9 (45) 9 (46) 9 (47) 9 (48) 9 (49) 9 (50) 9 (51)
faciliti	es only; 3=this com	pany and others; 9=do F OTHER KNOWN USERS F	on't know)	

Company Name: SHELL OIL COMPANY
Division/SubsidiarySHELL CHEMICAL COMPANY
Facility Name: WILMINGTON MANUFACTURING COMPLEX-CHEMICAL

Site Name: LOS ANGELES COUNTY SANITARY LANDFILL, CALABASAS

Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know)

FILL IN EVERY BLOCK SPACE

Acid solutions, with pH<3	
pickling liquor	
metal plating waste	
circuit etchings	
inorganic acid manufacture	
organic acid manufacture	
Base solutions, with pH>12	
caustic soda manufacture	
nylon and similar polymer generation	
scrubber residual	
Heavy metals & trace metals (bonded organically & inorganically) (20)	
arsenic, selenium, antimony	i
mercury	1
iron, manganese, magnesium	
zinc, cadmium, copper, chromium (trivalent)	1
chromium (hexavalent)	
lead $\overline{2}$ (26)	
Radioactive residues, >50pico curies/gram	ļ
uranium residuals & residuals for UF ₆ recycling	1
lathanide series elements and rare earth salts	
phosphate slag)
thorium)
radium)
other alpha, beta & gamma emitters)
Organics	
insecticides & intermediates)
herbicides & intermediates	ì
fungicides & intermediates	
rodenticides & intermediates	
halogenated aliphatics	
halogenated aromatics	
acrylates & latex emulsions	
PCB/PBB's	
amides, amines, imides	
plastizers	
resins	
elastomers	Į
solvents polar (except water)	Į
carbontetrachloride	
trichloroethylene	
other solvents nonpolar)
solvents halogenated aliphatic)
solvents halogenated aromatic	
oils and oil sludges)
esters and ethers)
alcohols	
ketones & aldehydes)
dioxins)
Inorganics)
salts	
mercaptans	
Misc	
pharmaceutical wastes	Ď
paints & pigments)
catalysts (eg. vanadium, platinum, palladium) 2 (64	ĺ
asbestos)
shock sensitive wastes (eg. nitrated toluenes)	í
air water reactive wastes (eg. Pa. aluminum chloride))
wastes with flash point below 100° F	í
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COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

Compan	y Name: SHELL OIL COMPANY	<u> </u>	<u>ivisica/Subsidi</u> a	SHELL	CHEMICAL	COM
Facili	ty Name: WILMINGTON MANUFAC	TURING COMPLEX-CHE	MICAL			
Name o	of Site: CALIFORNIA SALVAGE	COMPANY				
Addres	s of Site: 217 NORTH LAGOO	n SIREET reet				
	110. 50.	ICCL	·			
	SAN PEDRO, CALI	FORNIA	90744			
	city	state	zip code			
		• • • • • • • • • • • • • • • • • • • •				
Name o	of Owner (while used by faci	Lity): G.H. HUTCHIS	SON & SONS			
Addres	ss: 217 NORTH LAGOON STR	reet				
	110. 30.				,	
	SAN PEDRO, CALIFORNI		90744			
	city	state	zip code			
Currer Addres	nt Owner (if different from a	above):	· · · · · · · · · · · · · · · · · · ·			
		reet				
	city	state	zip code			
	• •		-			
 Ye st To U R Sp is 	ear first used for process we ear last used for process water last used for process water last use)	from this facilit thousand gallons hundred tons thousand cubic yaethod(s) used at s	lity (enter "79" y disposed at si	if 19 te:	(17- (19- (19-	-18) -26) -33)
8. Us	sers of this site (1=this fa acilities only; 3=this compa	ny and others; 9=d	ndustrial waste waste al refuse co-dis s on utralizing) cling DEEP SEA DISPOSA ility and other on't know)	posed	9 (43 9 (44 9 (45 9 (46 9 (47 9 (49 9 (50 9 (51 2 (52	
	LIST NAMES AND ADDRESSES OF	OTHER KNOWN USERS	BELOW			

*Before 1973.

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FORM B - Page 2

Company Name: SHELL OIL COMPANY
Division/Subsidiary SHELL CHEMICAL COMPANY
Facility Name: WILMINGTON MANUFACTURING COMPLEX-CHEMICAL

Site Name: CALIFORNIA SALVAGE COMPANY

Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know)

FILL IN EVERY BLOCK SPACE

Acid solutions, with pH<3
pickling liquor
metal plating waste
circuit etchings
inorganic acid manufacture
organic acid manufacture
Base solutions, with pH>12
caustic soda manufacture
nylon and similar polymer generation
scrubber residual
Heavy metals & trace metals (bonded organically & inorganically) (20)
arsenic, selenium, antimony [2] (21)
mercury
iron, manganese, magnesium
zinc, cadmium, copper, chromium (trivalent)
chromium (hexavalent)
lead
Radioactive residues, >50pico curies/gram
uranium residuals & residuals for UF6 recycling
lathanide series elements and rare earth salts
phosphate slag
radium $\mathcal{L}_1(32)$
other alpha, beta & gamma emitters
Organics
insecticides & intermediates
herbicides & intermediates
fungicides & intermediates
rodenticides & intermediates
halogenated aliphatics
halogenated aromatics
acrylates & latex emulsions
PCB/PBB's
amides, amines, imides
plastizers
resins \mathfrak{p} (45)
elastomers (46)
solvents polar (except water)
carbontetrachloride
trichloroethylene (49)
other solvents nonpolar
solvents halogenated aliphatic
solvents halogenated aromatic
oils and oil sludges
esters and ethers
alcohols[1] (55) ketones & aldehydes
dioxins
Inorganics
salts
mercaptans
Misc
pharmaceutical wastes
paints & pigments
catalysts (eg. vanadium, platinum, palladium)
asbestos
shock sensitive wastes (eg. nitrated toluenes)
air water reactive wastes (eg. P4, aluminum chloride)
wastes with flash point below 100° F

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(D0	NOT	USE)	

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

	in Name: SHELL OIL COMPA	107112 110 00112 EV 0112	<u>linisien/Subsidi</u> a	SHELL CHEMICAL COM
Name (ity Name: <u>WILMINGTON MANU</u> of Site: BASIN BYPRODUCT	S COMPANY	MICAL	
Addre	ss of Site: 3031 EAST I	STOFFANT	······	
	no.	street		
,	_WILMINGTON,	CALIFORNIA	90744	
	city	state	zip code	
Name (of Owner (while used by f	acility): CHANCELLOR	& OGDEN	
Addre	ss: 3031 EAST I STREE			
	no.	street		•
	WILMINGTON, CALIF	ORNIA state	90744 zip c∞de	
Curra	nt Owner (if different fr		•	
Addre		om above)		
	no.	street		
	· · · · · · · · · · · · · · · · · · ·			
	city	state	zip code	
 Y S T I S i 	ear first used for process ear last used for process till in use)	s waste from this face waste from this facilit ste from this facilit thousand gallons hundred tons thousand cubic ya 1 method(s) used at s ly in use; 2=no longe	ility	if 19619 (17-18) ite: (19-26) (27-33) (34-41) method er used;
8. U	sers of this site (1=this acilities only; 3=this co	landfill, mixed i landfill, drummed landfill, municip pits/ponds/lagoon deep well injecti land farming incineration treatment (eg. ne reprocessing/recy other (specify) facility; 2=this face	ndustrial waste waste al refuse co-dis s on utralizing) cling ility and other	sposed 9 (45) 9 (46) 9 (47) 9 (48) 9 (50) 9 (51) (52)
Г	I TOT NAMES AND ADDRESSES	OF OTHER KNOWN LICEDS	DEI OF	

(1-8) (DC NOT USE)	
(DO NOT USE)	

Company Name: SHELL OIL COMPANY
Division/Subsidiary SHELL CHEMICAL COMPANY
Facility Name: WILMINGTON MANUFACTURING COMPLEX-CHEMICAL

Site Name: BASIN BYPRODUCTS COMPANY

Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know)

FILL IN EVERY BLOCK SPACE

Acid solutions, with pH<3	11 (1)	0)
pickling liquor	7 7 7	īί
metal plating waste		
circuit etchings	جا (<u>۱</u>	
inorganic acid manufacture		4)
organic acid manufacture	2 (1	5)
Base solutions, with pH>12		6)
caustic soda manufacture	ラ. に	- /
nylon and similar polymer generation	동	6)
scrubber residual	2) (1	9)
Heavy metals & trace metals (bonded organically & inorganically)	1)(2	,0)
arsenic, selenium, antimony	2 (2	
mercury	2 (2	2)
iron, manganese, magnesium	1 62	31
zinc, cadmium, copper, chromium (trivalent)		
chromium (hexavalent)		
lead		
Radioactive residues, >50pico curies/gram		
uranium residuals & residuals for UF6 recycling	12 (2	
lathanide series elements and rare earth salts	21(2	9)
phosphate slag	121 (3	(O)
thorium		
radium		
ration and the first control of the		
other alpha, beta & gamma emitters	ري لي	33)
Organics		34)
insecticides & intermediates		35)
herbicides & intermediates	<u>12</u> i (3	56)
fungicides & intermediates	12 1 (3	57)
rodenticides & intermediates	12 1 (3	เลโ
halogenated aliphatics		
halogenated aromatics		10)
acrylates & latex emulsions	ري لکا	
Deptonpts	الما لكا	11)
PCB/PBB's	4) لكيا	12)
amides, amines, imides	4) لكا	13)
plastizers	4) رع	14)
resins		15)
elastomers	121 (4	16)
solvents polar (except water)	2 (4	Į7ĺ
carbontetrachloride	2 (4	เลา
trichloroethylene		10)
other solvents nonpolar	ج بکا	.0)
calculate belocated at the calculate and the calculate belocated at the calculate belocated at the calculate and the calculate at the calculat	در لکا	נטנ
solvents halogenated aliphatic	اکا رہ)1)
solvents halogenated aromatic	5) ر2	52)
oils and oil sludges	(5)	3)
esters and ethers	121(5)	54)
alcohols	17 (5	55)
ketones & aldehydes	11 (5	56)
dioxins	2 6	57)
Inorganics		
salts		(0)
mercaptans		, D)
Misc	يز بيا	10)
The manufacture of the state	در لیا)T)
pharmaceutical wastes	ريا ليا	22)
paints & pigments	6. لكا	
catalysts (eg. vanadium, platinum, palladium)	6) رو	54)
asbestos	12.16	55)
shock sensitive wastes (eg. nitrated toluenes)	12 6	56)
air water reactive wastes (eg. P ₄ , aluminum chloride)	121 6	57Í
wastes with flash point below 100° F.	ر ب <u>ا</u> 11 ، 6	รลา
	ر، للا	٠,

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COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

Comp	any Na	me: S	HELL OIL	COMPANY	·	D	ivision/S	ibsidiary	SHELL CHEMI	CAL COMP/
Faci	lity N	lame: <u>₩</u>	ILM INGTO	N MANUFACT	TURING COMP	PLEX-CHE	MICAL			
	of Si		BKK CC	MPANY						
Aaar	ess or	Site:		ZUSA AVEN	<u>UE</u> eet					
							•			
				OVINA, CA	LIFORNIA		91722			
			city		st	ate	zip o	code		
Name	of Ow	mer (wl	nile used	d by facil	ity): <u>CHAN</u>	CELLOR 8	OGDEN			
Addi	ress: _	303	1 EAST I		eet					
	_	WIL		CALIFORN			90744			
	•		city		st	ate	zip (code		
Curi Addi	rent Ow ress:	vner (i	f differe	ent from a	bove):					
	_		no.	str	eet					
	-		city	· · · · · · · · · · · · · · · · · · ·	st	ate	zip	code		
5. 6.	Year in Year In Still Total USE To Right Specifics still	IF first u last use in use amount ONS ONL justif	CLOSED, sed for ped fo	specify yorocess was rocess was ess waste SSIBLE: se	from this thousand g hundred to thousand c thod(s) us n use; 2=n	his facility facility allons	lity ity (ento	er "79" if d at site: hether met 3=never u	19 7 9 (1' 19 19 19 19 19 19 19	3-14) 5-16) 7-18) 9-26) 7-33) 4-41)
8.	Users facili	of thi	s site (nly; 3=t	l=this fac	landfill, landfill, landfill, pits/ponds deep well land farmi incinerati treatment reprocessi other (spe cility; 2=t ny and other	mixed in drummed municipa // lagoons injection on (eg. neung/recyclerify)	dustrial waste al refuse on atralizing cling ality and	co-dispos	ed 9 (4) 9 (4) 9 (4) 9 (4) 9 (5) 9 (5) 9 (5)	3) 4) 5) 6) 7) 8) 9) 0) 1)
	TIST	YAMES	AND ADDR	ESSES OF C	THER KNOWN	HSERS F	SEI OF			

Company Name: SHELL OIL COMPANY
Division/Subsidiary SHELL CHEMICAL COMPANY
Facility Name: WILMINGTON MANUFACTURING COMPLEX-CHEMICAL

BKK COMPANY
Site Name: AZUSA/COVINA, CALIFORNIA

Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know)

FILL IN EVERY BLOCK SPACE

And a regulation of the state of	11 /	7.01
Acid solutions, with pH<3		
pickling liquor į		
metal plating waste	21 (12)
circuit etchings	21 (13)
inorganic acid manufacture		
organic acid manufacture		
Base solutions, with pH>12	.2](16)
caustic soda manufacture	21 (17)
nylon and similar polymer generation		
scrubber residual		
Scrubber residual	ر لکِ	73)
Heavy metals & trace metals (bonded organically & inorganically)	<u>l</u>) (20)
arsenic, selenium, antimony	2 (21)
mercury		
iron, manganese, magnesium		
in a line and the house the factor (with the house	ر بیا	24)
zinc, cadmium, copper, chromium (trivalent)		
chromium (hexavalent)		
lead	2 i (26)
Radioactive residues,>50pico curies/gram	21 (27)
uranium residuals & residuals for UF6 recycling	뒭	281
Table 13 control of testinate and control of testing	쉿 >	20)
lathanide series elements and rare earth salts		
phosphate slag	21 ((30)
thorium	21 (31)
radium		
other alpha, beta & gamma emitters	ر ہے	77)
other alpha, beta & gamma emitters	زبد	33)
Organics[11 (.34)
insecticides & intermediates	21	(35)
herbicides & intermediates	21 ((36)
fungicides & intermediates		
malaciació de la companya de la comp	ر بک	(70)
rodenticides & intermediates		
halogenated aliphatics		
halogenated aromatics	21 ((40)
acrylates & latex emulsions	21	41)
PCB/PBB's		
amides, amines, imides	2)	(43)
plastizers	21 ((44)
resins	21 ((45)
elastomers		
solvents polar (except water)		(47)
carbontetrachloride	ركا	(47)
	21	(48)
trichloroethylene	21	(49)
other solvents nonpolar	21	(50)
solvents halogenated aliphatic	2	č51)
solvents halogenated aromatic	ريا	(52)
solvents hatogenated atomatic	الكا	(52)
oils and oil sludges		
esters and ethers	121	(54)
alcohols		
ketones & aldehydes		
dioxins		
Inorganics		
salts		(59)
mercaptans	12 1	(60)
Misc		(61)
pharmaceutical wastes	2	(62)
province & nigmonte	َ لِكِا	
paints & pigmentscatalysts (eg. vanadium, platinum, palladium)	لکا	(63)
catalysts (eg. vanadium, platinum, palladium)	2	(64)
asbestos	12 1	(65)
asbestosshock sensitive wastes (eg. nitrated toluenes)	12 1	(66)
air water reactive wastes (eg. Pa. aliminim chloride)	ريا	(67)
air water reactive wastes (eg. P4, aluminum chloride)	لكا	(0/)
wastes with trash bothe perow 100. F	Ш	(00)

FORM C: HAULER INFORMATION

PROVIDE A COMPLETE LIST OF ALL FIRMS AND INDEPENDENT CONTRACTORS, INCLUDING THE COMPANY AND ITS AFFILIATES AND SUBSIDLARIES, USED TO REMOVE PROCESS WASTES FROM THIS FACILITY SINCE 1950.

Company Name: SHELL OIL COMPANY
Division/Subsidiary SHELL CHEMICAL COMPANY
Facility Name: WILMINGTON MANUFACTURING COMPLEX-CHEMICAL

Name of Firm or Contractor	Address	ICC # (If Known)	Years Used
INDUSTRIAL TRANSPORTATION SERVICES	217 N. LAGOON AVE. WILMINGTON, CA 90744	CPVC T115960	1977-78
CHANCELLOR & OGDEN	3031 E. I STREET WILMINGTON, CA 90744	MC 1CC 143836-	ITA 1978 PERHAPS BEFORE 1973
CROSBY & OVERTON	1620 W. 16TH STREET LONG BEACH, CA 90813	CPVC T90678	1976-78
W.H. HUTCHISON & SONS INC.	217 N. LAGOON AVE. WILMINGTON, CA 90744	CPVC T115960	1973-76 PERHAPS BEFORE 1973
WESTERN REFUSE	P.O. BOX 214 GARDENA, CA 90247 401 SAN FRANCISCO	ICC 95-1946054	1976
ROUTH TRANSPORTATION	800 W. 15TH STREET LONG BEACH, CA 90813	CPVC T35347	PERHAPS BEFORE 1973
J.C. CARRASCO	1737 DENNI WILMINGTON, CA 90744	UNKNOWN	PERHAPS BEFORE 1973
FIX & BRAIN	233 E. D STREET WILMINGTON, CA 90744	T54105	PERHAPS BEFORE 1973
HARBOR VACUUM TRUCK SERVICE	UNKNOWN	UNKNOWN	BEFORE 1973
CAPRI VACUUM TRUCK SERVICE	UNKNOWN	UNKNOWN	BEFORE 1973

FORM D: SUPPLEMENTAL HAULE, INFOR	MATION	FINAL	 	[[(1-8)
COMPLETE THIS FORM FOR EACH FIRM CLUDING YOUR OWN COMPANY, ITS AFF REMOVED PROCESS WASTE FROM THIS FOR AN UNKNOWN LOCATION	OR INDEPENDENT (ILIATES & SUBSII ACILITY SINCE 19	CONTRACTOR (IN- DIARIES) WHO 050 AND TOOK IT	(DO NOT L	(1-8)
Company Name: SHELL OIL COMPANY Facility Name: WIEMINGTON MANUFACT Name of Hauling Firm/Contractor: Address: (no.) 233 E (str (city) WILMINGTON	URING COMPLEX-C FIX & BRAIN eet) D STREET (state) CA	HEMICAL		CHEMICAL CO.
 Year first used BEFORE Year last used (enter "79" if Total amount of process waste USE TONS ONLY IF POSSIBLE-Right justify response Components (or characteristic 	still in use) hauled from the thousand gall hundred tons thousand cub	is facility: lonsL	111111	
4. Components (or characteristic at site: (1=present in waste; FILL IN EVERY BLOCK SPACE	2=not present	iste from this fa in waste; 9=don't	cility dispose know):	xd
Acid solutions, with pH<3 pickling liquor metal plating waste circuit etchings inorganic acid manufacture organic acid manufacture Base solutions, with pH>12 . caustic soda manufacture nylon and similar polymer scrubber residual Heavy metals & trace metals (egeneration			2 (38) 2 (39) 2 (40) 2 (41) 2 (42) 1 (43) 2 (44) 2 (45) 2 (46)
arsenic, selenium, antimo mercury	m	cycling salts		2 (48) 2 (49) 1 (50) 2 (51) 2 (52) 2 (53) 2 (54) 2 (55) 2 (56)
thoriumradiumother alpha, beta & gamma Organics	emitters	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	[2] (58) [2] (59) [2] (60) [1] (61)
amides, amines, imides plastizers resins elastomers solvents polar (except w carbontetrachloride trichloroethylene other solvents nonpolar solvents halogenated alip solvents halogenated arom oils and oil sludges esters and ethers alcohols	ss tes ns ater) hatic atic			[2] (75) [2] (76) [2] (77) [2] (78) [2] (79) [1](80) [1] (10) [2] (11) [1] (12)
ketones & aldehydes dioxins	•••••••	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	2 (14) 2 (15)
salts mercaptans Misc. pharmaceutical wastes paints & pigments catalysts (eg. vanadium, asbestos shock sensitive wastes (eg. vanadium) shock sensitive wastes wastes with flash point b	platinum, palla	dium)	•••••••	(17) (18) (19) (20) (21)

FORM D: SUPPLEMENTAL HAULEN INFORMATION FINAL (1-8)
COMPLETE THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (INCLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT TO AN UNKNOWN LOCATION
Company Name: SHELL OIL COMPANY Division/Subsidiary-SHELL CHEMICAL COMPANY Facility Name: WILMINGTON MANUFACTURING COMPLEX -CHEMICAL Name of Hauling Firm/Contractor: J.C. CARRASCO COMPANY Address: (no.) 1737 E (street) DENNI (city) WILMINGTON (state) CA (zip code) 90744
1. Year first usedBEFORE 1973
4. Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know): FILL IN EVERY BLOCK SPACE
Acid solutions, with pH<3. [1] (37) pickling liquor [2] (38) metal plating waste [2] (39) circuit etchings [2] (40) inorganic acid manufacture [2] (41) organic acid manufacture [2] (42) Base solutions, with pH>12 [43) caustic soda manufacture [2] (44) nylon and similar polymer generation [2] (45) scrubber residual [2] (46) Heavy metals & trace metals (bonded organically & inorganically) [1] (47) arsenic, selenium, antimony [2] (48) mercury [2] (49) iron, manganese, magnesium [1] (50) zinc, cadmium, copper, chromium (trivalent) [2] (51) chromium (hexavalent) [2] (52) lead [2] (53) Radioactive residues, >50 pico curies/ gram [2] (54) uranium residuals & residuals for UF6 recycling [2] (55) lathanide series elements and rare earth salts [2] (56)
phosphate slag
insecticides & intermediates
Inorganics
Misc. pharmaceutical wastes paints & pigments catalysts (eg. vanadium, platinum, palladium) asbestos shock sensitive wastes (eg. nitrated toluenes) eir water reactive wastes (eg. P4, aluminum chloride) mastes with flash point below 100° F. [1] (18) [2] (20) [2] (21) [2] (22) [2] (23) [3] (24) [4] (25) [2] (20)

FORM D: SUPPLEMENTAL HAULER INFORMATION (1-8)
COMPLETE THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (INCLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT TO AN UNKNOWN LOCATION
Company Name: SHELL OIL COMPANY. Division/SubsidiarySHELL CHEMICAL CO. Facility Name: WILMINGTON MANUFACTURING COMPLEX-CHEMICAL Name of Hauling Firm/Contractor: ROUTH TRANSPORTATION Address: (no.) 800 W (street) 15TH STREET (city) LONG BEACH (state) CA (zip code) 90813
1. Year first used BEFORE 1973 1950 (10-11) 2. Year last used (enter "79" if still in use) BEFORE 1973 19713 (12-13) 3. Total amount of process waste hauled from this facility: USE TONS ONLY IF POSSIBLE- Right justify response thousand gallons (14-21)
4. Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know): FILL IN EVERY BLOCK SPACE
Acid solutions, with pH<3
Base solutions, with pH>12
Heavy metals & trace metals (bonded organically & inorganically) arsenic, selenium, antimony mercury iron, manganese, magnesium [2] (48) [3] (50)
zinc, cadmium, copper, chromium (trivalent) [2] (51) chromium (hexavalent) [2] (52) lead [2] (53) Radioactive residues, >50 pico curies/ gram [2] (54)
uranium residuals & residuals for UF6 recycling
other alpha, beta & gamma emitters
fungicides & intermediates
halogenated aromatics
plastizers 2 (71) resins (72) elastomers 2 (73) solvents polar (except water) [74)
carbontetrachloride
solvents halogenated ariphatic solvents halogenated aromatic 2 (79) 1 (80) oils and oil sludges esters and ethers 2 (11) alcohols
ketones & aldehydes
mercaptans [2] (17) Misc [1] (18) pharmaceutical wastes [2] (19)
paints & pigments
asbestos

FORM D: SUPPLEMENTAL HAULER INFORMATION (1-8)
COMPLETE THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (INCLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT TO AN UNKNOWN LOCATION
Company Name: SHELL OIL COMPANY Division/Subsidiary SHELL CHEMICAL CO Facility Name: WILMINGTON MANUFACTURING COMPLEX-CHEMICAL Name of Hauling Firm/Contractor: WESTERN REFUSE Address: (no.) 401 (street) SAN FRANCISCO (city) GARDENA (state) CA (zip code) 90247
1. Year first used
Acid solutions, with pH<3
insecticides & intermediates
Inorganics
masses when trash better below 1000 F

	SUPPLEMENTAL HAULE, INFORMATI	<u>0%</u> -	1.N-4L	1 1 1 1 1 1 1	(1-8)
COMPLETE CLUDING Y REMOVED P TO AN UNK	THIS FORM FOR EACH FIRM OR I YOUR OWN COMPANY, ITS AFFILIA PROCESS WASTE FROM THIS FACIL KNOWN LOCATION	NDEPENDENT CO TES & SUBSIDI ITY SINCE 19	ONTRACTOR (IN- LARIES) WHO 50 AND TOOK IT	(DO NOT U	
Name of H	Name: SHELL OIL COMPANY Name: WILMINGTON MANUFACTUR Hauling Firm/Contractor: IND (no.) 217 N. (street) (city) WILMINGTON (sta	JSTRIAL TRANS	SPORTATION SERV	ubsidiary\$HELL (TCES 744	CHEMICAL CO.
2. Year 3. Total USE Rigl 4. Compo	onents (or characteristics) o	<pre>11 in use) . led from this housand gallo undred tons. housand cubic f process was</pre>	s facility: ons	1971	9] (12-13) _] (14-21) 1] (22-28) _] (29-36)
at si FILL Acid s	ite: (l=present in waste; 2=n IN EVERY BLOCK SPACE solutions,with pH<3	ot present i	n waste; 9=don'	t know):	2] (37)
pi ma c: ii o:	ickling liquor			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	2) (38) 2) (39) 2) (40) 2) (41) 2) (42)
ca ny Se Heavy	solutions, with pH>12 austic soda manufacture ylon and similar polymer gen crubber residual metals & trace metals (bond rsenic, selenium, antimony .	eration	ly & inorganica		21 (44) 21 (45) 21 (46) 11 (47)
m i: 2: cl	ercury ron, manganese, magnesium inc, cadmium, copper, chromi hromium (hexavalent) ead	um (trivalen	t)		2) (49) 11 (50) 2) (51) 2) (52) 2) (53)
u 1: pi ti r:	active residues, >50 pico cur cranium residuals & residuals athanide series elements and shosphate slag horium adium	for UF ₆ rec	yclingsalts		[2] (55) [2] (56) [2] (57) [2] (58) [2] (59)
Organ ii he fi r:	ther alpha, beta & gamma eminics		••••••		[2] (63) [2] (64) [2] (65)
h: a: P(a: p: re	alogenated aromatics crylates & latex emulsions CB/PBB's mides, amines, imides clastizers esins				2 (67) 2 (68) 2 (69) 2 (70) 2 (71) 12 (72)
Si Ci ti o	clastomers colvents polar (except water carbontetrachloride crichloroethylene chher solvents nonpolar colvents halogenated aliphati)		• • • • • • • • • • • • • • • • • • • •	(75) (76) (77) (77) (78)
si o: e: a: k:	olvents halogenated aromaticils and oil sludges				(79) (1)(80) (1)(10) (2)(11) (1)(12) (1)(13)
Inorga sa ma	anics	• • • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • • •	[2] (15) [2] (16) [2] (17)
pi po ci au si ai	charmaceutical wastes	inum, pallad itrated tolu 2. Pa. alumin	ium)		[2] (19) (2) (20) (2) (21) (2) (23) (2) (24)
	•		· · · ·		التا التا

FORM D: SUPPLEMENTAL HAUL INFORMATION FINAL (1-8)
COMPLETE THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (INCLUDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO REMOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT TO AN UNKNOWN LOCATION
Company Name: SHELL OIL COMPANY Division/Subsidiary SHELL CHEMICAL CO Facility Name: WILMINGTON MANUFACTURING COMPLEX-CHEMICAL Name of Hauling Firm/Contractor: CHANCELLOR & OGDEN Address: (no.) 3031 (street) EAST I STREET (city) WILMINGTON, (state) CA (zip code) 90744
1. Year first used PRIOR TO 1973 19 5 0 (10-11) 2. Year last used (enter "79" if still in use) PRIOR TO 1973 19 7 3 (12-13) 3. Total amount of process waste hauled from this facility: USE TONS ONLY IF POSSIBLE- Right justify response thundred tons (14-21) Hundred tons (22-28) thousand cubic yards (29-36) 4. Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know): FILL IN EVERY BLOCK SPACE
Acid solutions, with pH<3
halogenated aliphatics

and the contract of the contra

FORM D: S	SUPPLEMENTAL HAULE, INFORMATION	FIXAL	
CLUDING Y	THIS FORM FOR EACH FIRM OR IND OUR OWN COMPANY, ITS AFFILIATE PROCESS WASTE FROM THIS FACILIT NOWN LOCATION	EPENDENT CONTRACTOR (IN- S & SUBSIDIARIES) WHO Y SINCE 1950 AND TOOK IT	(DO NOT USE)
Facility Name of H	Name: SHELL OIL COMPANY Name: WILMINGTON MANUFACTURING Hauling Firm/Contractor: CROSB (no.) 1620 W. (street) (city) LONG BEACH (state	G COMPLEX-CHEMICAL Y & OVERTON 16TH STREET	
2. Year 3. Total USE Rig 4. Composite at si	tho onents (or characteristics) of ite: (l=present in waste; 2=not	in use)	
FILL Acid P m c i o Base Radio Radio Organ i f	IN EVERY BLOCK SPACE solutions, with pH<3 ickling liquor etal plating waste ircuit etchings norganic acid manufacture rganic acid manufacture solutions, with pH>12 austic soda manufacture ylon and similar polymer gener crubber residual metals & trace metals (bonded rsenic, selenium, antimony ercury ron, manganese, magnesium inc, cadmium, copper, chromium hromium (hexavalent) ead active residuals & residuals f athanide series elements and r hosphate slag horium adium ther alpha, beta & gamma emitt ics nsecticides & intermediates erbicides & intermediates ingicides & intermediates cadenticides & intermediates	ation organically & inorganic (trivalent) s/ gram or UF6 recycling are earth salts	1 (37) 2 (38) 2 (39) 2 (40) 2 (41) 2 (42) 1 (43) 2 (45) 2 (46) 2 (46) 3 (47) 2 (48) 2 (49) 1 (50) 2 (51) 2 (52) 2 (53) 2 (54) 2 (55) 2 (56) 2 (57) 2 (58) 2 (59) 2 (60) 1 (61) 2 (62) 2 (63) 2 (64) 2 (64) 2 (65)
Inorg Misc.	clogenated aliphatics alogenated aromatics crylates & latex emulsions CB/PBB's mides, amines, imides clastizers esins clastomers clastomers clastometrachloride crichloroethylene cher solvents nonpolar clovents halogenated aliphatic clovents halogenated aromatic clis and oil sludges esters and ethers clohols etones & aldehydes clioxins canics calts cercaptans charmaceutical wastes calts colored colo	num palladium)	[2] (67) [2] (68) [2] (69) [2] (70) [2] (71) [2] (73) [1] (74) [2] (75) [2] (76) [2] (77) [2] (78) [2] (78) [2] (79) [1] (10) [2] (11) [1] (12) [1] (13) [2] (14) [2] (15) [2] (16) [2] (17) [1] (18) [2] (19) [2] (20) [2] (21)

FORM D:	SUPPLEMENTAL HAULE. INFORMATION FINAL	(1-8)
REMOVED	E THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (IN- YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT NKNOWN LOCATION	
Facility Name of	Name: SHELL OIL COMPANY Division/Subsidiary SH y Name: WILMINGTON MANUFACTURING COMPLEX-CHEMICAL Hauling Firm/Contractor: W.H. HUTCHISON & SONS INC. : (no.) 217 N. (street) LAGOON AVE. (city) WILMINGTON, (state) CA (zip code) 90744	ELL CHEMICAL CO
3. Tota US	r first used PERHAPS BEFORE 1973 TOO 19 r last used (enter "79" if still in use) 19 al amount of process waste hauled from this facility: SE TONS ONLY IF POSSIBLE- ight justify response hundred tons 11 thousand cubic yards 11	7 (6) (12-13) 1 (14-21) 1 (0) (22-28) 1 (29-36)
at : FIL	ponents (or characteristics) of process waste from this facility disp site: (1=present in waste; 2=not present in waste; 9=don't know): L IN EVERY BLOCK SPACE	
Base	A solutions, with pH<3 pickling liquor metal plating waste circuit etchings inorganic acid manufacture organic acid manufacture solutions, with pH>12 caustic soda manufacture nylon and similar polymer generation scrubber residual yy metals & trace metals (bonded organically & inorganically)	(38) (39) (40) (41) (42) (42) (43) (43) (44) (45) (46) (11)
	arsenic, selenium, antimony mercury iron, manganese, magnesium zinc, cadmium, copper, chromium (trivalent) chromium (hexavalent) lead ioactive residues. >50pico curies/gram	. [2] (48) . [2] (49) . [1] (50) . [2] (51) . [2] (52) . [2] (53) . [2] (54)
. 0	uranium residuals & residuals for UF6 recycling lathanide series elements and rare earth salts phosphate slag thorium radium other alpha, beta & gamma emitters anics	·· [2] (56) ·· [2] (57) ·· [2] (58) ·· [2] (59) ·· [2] (60)
OI ga	insecticides & intermediates herbicides & intermediates fungicides & intermediates redenticides & intermediates halogenated aliphatics halogenated aromatics acrylates & latex emulsions PCB/PBB's amides, amines, imides plastizers resins elastomers	2 (62) 2 (63) 2 (64) 2 (65) 2 (66) 2 (68) 2 (69) 2 (70) 2 (72) 2 (73)
	solvents polar (except water) carbontetrachloride trichloroethylene other solvents nonpolar solvents halogenated aliphatic solvents halogenated aromatic oils and oil sludges esters and ethers alcohols ketones & aldehydes dioxins	[2] (75) [2] (76) [2] (77) [2] (78) [2] (79) [1](80) [1] (10) [2] (11) [1] (12) [1] (13)
	rganicssalts mercaptans	<u>[2]</u> (15) <u>[2]</u> (16) <u>[2]</u> (17)
Miso	pharmaceutical wastes paints & pigments catalysts (eg. vanadium, platinum, palladium) asbestos shock sensitive wastes (eg. nitrated toluenes) &ir water reactive wastes (eg. P4, aluminum chloride) wastes with flash point below 100° F.	[2] (19) [2] (20) [2] (21) [2] (22) [2] (23)

	FO	RM D: SUPPLEMENTAL HAUL . INFORMATION FINAL (1-8)
		MPLETE THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (IN- UDING YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO MOVED PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT AN UNKNOWN LOCATION
	Co	mpany Name: SHELL OIL COMPANY Division/Subsidiary SHELL CHEMICAL C cility Name: WILMINGTON MANUFACTURING COMPLEX-CHEMICAL me of Hauling Firm/Contractor: HARBOR VACUUM TRUCK SERVICE
	Ad	dress: (no.) UNK (street) UNK (zip code) UNK
	1. 2. 3.	Year last used (enter "79" if still in use) BEFORE 1973 19 7 3 (12-13)
	٥.	USE TONS ONLY IF POSSIBLE- Right justify response thousand gallons
	4.	Components (or characteristics) of process waste from this facility disposed at site: (1=present in waste; 2=not present in waste; 9=don't know): FILL IN EVERY BLOCK SPACE
		Acid solutions, with pH<3. [1] (37) pickling liquor [2] (38) metal plating waste [2] (39) circuit etchings [2] (40) inorganic acid manufacture [2] (41) organic acid manufacture [2] (42)
		Base solutions, with pH>12
		Heavy metals & trace metals (bonded organically & inorganically) 1 (47) arsenic, selenium, antimony
÷		iron, manganese, magnesium
		uranium residuals & residuals for UF6 recycling [2] (55) lathanide series elements and rare earth salts [2] (56) phosphate slag [2] (57) thorium [2] (58) radium [2] (59)
	•	other alpha, beta & gamma emitters
		herbicides & intermediates
		halogenated aromatics [2] (67) acrylates & latex emulsions [2] (68) PCB/PBB's [2] (69) amides, amines, imides [2] (70)
		plastizers
		solvents polar (except water) carbontetrachloride trichloroethylene other solvents nonpolar [74] [74] [75] [76] [76]
		solvents halogenated aliphatic
		alcohols
		Inorganics [2] (15) salts [2] (16) mercaptans [2] (17) Misc [1] (18)
		pharmaceutical wastes
		asbestos

FORM D	: SUPPLEMENTAL HAUL INFORMATION FINAL	1 (1-8)
CLUDIN REMOVE	TE THIS FORM FOR EACH FIRM OR INDEPENDENT CONTRACTOR (IN- G YOUR OWN COMPANY, ITS AFFILIATES & SUBSIDIARIES) WHO D PROCESS WASTE FROM THIS FACILITY SINCE 1950 AND TOOK IT UNKNOWN LOCATION	USE)
Name o	y Name: SHELL OLL COMPANY Division/SubsidiarySHELL ty Name: WILMINGTON MANUFACTURING COMPLEX-CHEMICAL of Hauling Firm/Contractor: CAPRI VACUUM TRUCK SERVICE s: (no.) UNK (street) UNK (city) UNK (state) UNK (zip code) UNK	CHEMICAL CO.
	STATE OF THE PROPERTY OF THE P	
3. To	ear first used BEFORE 1973 19 5 ear last used (enter "79" if still in use) BEFORE 1973 19 7 etal amount of process waste hauled from this facility: USE TONS ONLY IF POSSIBLE- thousand gallons	1 (14-21) 1 1 (22-28)
at	thousand cubic yards	(29-36) sed
Ba:	pickling liquor metal plating waste circuit etchings inorganic acid manufacture organic acid manufacture se solutions, with pH>12 caustic soda manufacture nylon and similar polymer generation scrubber residual avy metals & trace metals (bonded organically & inorganically) arsenic, selenium, antimony mercury iron, manganese, magnesium zinc, cadmium, copper, chromium (trivalent) chromium (hexavalent) lead dioactive residues, >50 pico curies/ gram uranium residuals & residuals for UF ₆ recycling lathanide series elements and rare earth salts phosphate slag thorium	[2] (38) (39) (2) (40) (2) (41) (2) (42) (1) (43) (2) (45) (2) (45) (2) (46) (1) (48) (2) (49) (2) (51) (2) (52) (52) (53) (2) (55) (2) (56) (2) (57)
Or	radium other alpha, beta & gamma emitters ganics insecticides & intermediates herbicides & intermediates fungicides & intermediates rodenticides & intermediates halogenated aliphatics halogenated aromatics acrylates & latex emulsions	(59) (2) (60) (1) (61) (2) (62) (2) (63) (2) (64) (2) (65) (2) (66) (2) (67)
	PCB/PBB's amides, amines, imides plastizers resins elastomers solvents polar (except water) carbontetrachloride trichloroethylene other solvents nonpolar solvents halogenated aliphatic solvents halogenated aromatic oils and oil sludges esters and ethers alcohols ketones & aldehydes dioxins	2 (70) 2 (71) 2 (72) 1 (73) 2 (74) 2 (75) 2 (76) 2 (77) 2 (78) 1 (79) 1 (80) 2 (10) 2 (11) 11 (12) 11 (13) 12 (14)
	organics salts mercaptans sc. pharmaceutical wastes paints & pigments catalysts (eg. vanadium, platinum, palladium) asbestos shock sensitive wastes (eg. nitrated toluenes) air water reactive wastes (eg. P4, aluminum chloride) wastes with flash point below 100° F.	(15) (2) (16) (2) (17) (1) (18) (2) (19) (2) (20) (2) (21) (2) (22)

and the second of the second o

FORM A: GENERAL FACILITY INFORMATION

Div	ompany Name: SHELL OIL COMPANY ivision/Subsidiary SHELL CHEMICAL C acility Name: TORRANCE PLANT (CLOSE		<u>.</u>
Add	idress: INTERSECTION OF HARBOR	AND SAN DIEGO FREEWAYS	_(.408 ACRES)
	LOS ANGELES, CALIFORNI	A	
	City Stat	e Zip Code	_
Nam	ame of Person Completing Form: R.	J. Trautner	_
•	osition: STAFF ENGINEER, ENVIRONMENT		Oil Company
	hone Number: ALL QUESTIONS CONCERNIN		- (713) 241-6245
1.	. Year Facility Opened	ASED PROPERTY IN 1955 MENT OWNED FROM 1943-19	
2.	Primary SIC Code · · · · · · · · · · · · · · · · · · ·	• • • • • • • • • • • • • • • • • • • •	
3.	sold for use) generated by this f USE ONLY TONS IF POSSIBLE - right	acility during 1978:	rastes
		ns	lo lo lo lo lo lo lo lo (25-32)
	thousand c	ubic yards	blololololololol (33-41)
4.	. Estimate (in whole percents) how generated in 1978 were disposed o		
	in landfil	1	
	in pit/pon	d/lagoon	0[0]0] (45-47)
	in deep we	11	
-	incinerate	d	
	reprocesse	d/recycled	
	evaporated	***************************************	
	unknown	•••••	
	other (Spe	cify)lololol (63-65)
(1)5.	. What is the total number of known property where this facility is 1 used for the disposal of process 1950?	ocated as one site) that wastes from this facilit	have been y since
	COMPLETE ONE FORM "B" FOR EACH	OF THE SITES	
6.	. Have any of the process wastes ge hauled (removed) from this facili	nerated at this facility ty for disposal? (Yes=1;	been 'no=2) [1] (69)
	IF YES, COMPLETE FORM "C"		
(1),7.	. Do you know the disposal site loc hauled from your facility since l	ations of all of the pro 950? (Yes=1; no=2)	cess waste (70)(1)
	IF NO, COMPLETE ONE FORM "D" FO WHO TOOK WASTE TO AN UNKNOWN LO	R EACH FIRM OR CONTRACTO CATION	R
8.	. Specify the earliest year represe or facility records supplied on t	nted by information from his and other forms	
9.	knowledge supplied on this and ot	her forms	19[5][5] (73-74)
AV	MOST OF THE PROCESS WASTES (90+%) AF AVAILABLE FOR ALL WASTES. INFORMATION FROM EMPLOYEES - NO RECO		BUT INFORMATION IS NOT

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1.	1	٠,	١.	٦	1.

	1.1	1.1.1	_1	(1-8)
$\overline{\Omega}$	NOT	USE)		

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

Сопф	pany Name: SHELL OIL COMPANY		<u>Division/Subsidian</u>	SHELL CHEM	11CAL
Fac1	lity Name: TORRANCE PLANT (CLOSED 19	37 2)			
Name	e of Site: SANITATION DISTRICT LANDS	FILL NO. 1	(PALOS VERDES)		
Addr	ess of Site:				
	no. street				
	ROLLING HILLS, CALIFOR	λ ι Μ ς			
	city	state	zip code		
	•				
Name	e of Owner (while used by facility):	LOS ANO	ELES COUNTY		
Addı	ess:				
	no. street				
	city	state	zip code		
C			•		
Luri	rent Owner (if different from above): ress:	·			
Addi	no. street				
			Tin godo		
	city	state	zip c∞de		
1.	Location (1= the property on which is	facility is	located: 2= off-si	(e)121	(10)
	Ownership at time of use (1= company	y ownership	: 2=private but not		
	company ownership) 3=public ownership	ip 9=don't	know)		(11)
3.	Current status (1= closed; 2= still	in use; 9=	don't know)	2	(12)
	IF CLOSED, specify year cl	losed		19	(13-14)
	Year first used for process waste for				(15-16)
5.	Year last used for process waste from				(17.10)
	still in use)		,	19	(1/-18)
6.	Total amount of process waste from to USE TONS ONLY IF POSSIBLE: thousand	and dallone	ity cisposed at site		(10-26)
	Right justify response hundre	and garrons	, [(27-33)/
	thouse	and cubic v	ards	1 1 1010	(34-41)
7.	Specify type(s) of disposal method(s	s) used at	site and whether me	thod	(0, 12)
	is still in use (1=currently in use:				
	9=don't know)	,	,	•	
	landf	ill, mono i	ndustrial waste	[9]	(42)
	landf:	ill, mixed	industrial waste	[9]	(43)
			ed waste	[9]	(44)
			pal refuse co-dispo	sed [1]	(45)
	pits/ _l	ponds/lagod	ns	روا	(46)
			ion	لوا	(47)
	land :	tarming		โฮโ	(48)
					(49)
	treau	ressing rac	eutralizing)	القا	(50) (51)
					(51) (52)
8.	other Users of this site (l=this facility facilities only: 3=this company and	2=this fa	cility and other co		(32)
-•	facilities only; 3=this company and	others: 9	don't know)	12 1	(53)
					` '
	LIST NAMES AND ADDRESSES OF OTHER	KNOWN USERS	BELON:		
		 -			

(1) MOST OF THIS PROCESS WASTE (80,000T OVER PERIOD 1955-1972) WAS HAULED TO LA COUNTY CLASS 1 LANDFILLS NO. 1 AND NO. 5. NO RECORDS AVAILABLE TO SHOW EXACT AMOUNT VARIOUS OTHER SMALL PRIVATE DUMPS WERE ALSO USED, HOWEVER RECORDS ARE NOT AVAILABLE ON QUANTITIES AND LOCATIONS.

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1.	I	۸.	····	

	1.1	1.1.1	ı	(1-8)
(DO	NOT	USE)		

COMPLETE THIS FORM FOR EVERY SITE (INCLUDING THE LOCATION OF THIS FACILITY AS ONE SITE) USED FOR THE DISPOSAL OF PROCESS WASTES GENERATED BY THIS FACILITY SINCE 1950.

Company	Name:	SHELL OIL COMPA	NY		Brisica/Subsi	diary SHELL	CHEMICAL
acility	Name:	TORRANCE CALIFO	RNIA PLAN	T			
Name of Nddress	of Sit	SANITATION DIST	RICT LAND	FILL NO. 5	CALABASAS)		
		no.	street				
		AGOURA, CAL	1FORN1A				
		city		state	zip code		
Name of Address:		(while used by fa	acility):	LOS ANGELE	S COUNTY	_	
		no.	street				
		city		state	zip c∞de		
Current Address:	Owner	(if different from	om above):			_	
		no.	street			_	
		city		state	zip code		
4. Year still still use Rig	first last ll in tal amount TONS the justify ty	tatus (1= closed; IF CLOSED, special t used for process used for process use) unt of process was ONLY IF POSSIBLE: tify response ype(s) of disposation use (1=current now)	fy year class waste from thousand thousand thousand thousand in user	this facility and gallons ed tons and cubic yas s) used at s; 2=no longe	ility	190 79" if 	(13-14) (15-16) 7 [2] (17-18) (19-26) (19-26) (19-26) (19-26) (19-26) (19-26) (19-26) (19-26) (19-26) (19-26) (19-26)
8. User	rs of 1	this site (l=this	landfi	ill, mixed in ill, drummed ill, municipal ponds/lagoon well injection farming eration ment (eg. nerossing/recy (specify)	dustrial wast ndustrial was waste al refuse co- s utralizing) cling	disposed	9 (43) 9 (44) 1 (45) 9 (46) 9 (47) 9 (48) 9 (49) 9 (50) 9 (51)
faci	ilitie	s only; 3=this con	mpany and	others; 9=d	on't know)	• • • • • • • • • • • • • • • • • • • •	(53)
LIS	T NAM	ES AND ADDRESSES	OF OTHER I	KNOWN USERS	BELOW		

(1) MOST OF THIS PROCESS WASTE (80,000T OVER PERIOD 1955-1972) WAS HAULED TO LA COUNTY CLASS I, LANDFILLS NO. 1 AND NO. 5. NO RECORDS AVAILABLE TO SHOW EXACT AMOUNT. VARIOUS OTHER SMALL PRIVATE DUMPS WERE ALSO USED: HOWEVER, RECORDS ARE NOT AVAILABLE ON QUANTITIES AND LOCATIONS.

FORM C: HAULER INFORMATION

DO NOT USE) (1-5)

PROVIDE A COMPLETE LIST OF ALL FIRMS AND INDEPENDENT CONTRACTORS, INCLUDING THE COMPANY AND ITS AFFILIATES AND SUBSIDLARIES, USED TO REMOVE PROCESS WASTES FROM THIS FACILITY SINCE 1950.

Company Name: SHELL OIL Division/Subsidiary SHELL (Facility Name: TORRANCE (CHEMICAL COMPANY		
Name of Firm or Contractor	· Address	ICC # (If Known)	Years Used
CHANCELLOR & ODGEN	3031 EAST STREET WILMINGTON, CALIF 90744	MC 1CC- 1438361TA	1955-1972